v4226

v422

Sean M. Rovito

General Index

Section 1: 2007 (Part) Catalogue #285-495

Section 2: 2007 (Part) Journal

Section 3: 2008 Catalogue #496-735

Section 4: 2008 Journal

Section 5: 2007 (Part)-2008 Photo Log

v42

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v4

Sean M. Rovito

2007 (Part)

Catalogue #285-495

Guatemala: Alta Verapaz, Baja Verapaz, El Quiche, Huehuetenango, Jalapa, Quetzaltenango, San Marcos, Solola

Honduras: Copan, Cortes, Ocotepeque, Santa Barbara

Mexico: Chiapas

Rovito, Sean
2007

Catalogue - Guatemala

Cerro Miramundo, ~1 km south of Mataquescuintla-Miramundo road on dirt road to microwave tower, Depto. Jalapa, Guatemala

July 27 14.52789°N, 90.14494°W [WGS84, 7m acc.], 2604m elev.

SMR285	*Bolitoglossa mexicana*	adult	liver-FF	7/29/07
SMR286	" "	juvenile	"	"
CRVA1181	" "	juvenile	liver-EtoH FF	7/29/07
CRVA1182	" "	"		"
SMR287	*Norops*	adult male	FF-liver	7/29/07
CRVA1183	" "	adult male	liver-100% EtOH	7/29/07
SMR288	*Mesaspis moreleti*	juvenile	liver-FF	7/29/07
SMR289	" "	adult female	liver-FF	7/29/07
CRVA1184	" "	juvenile	liver-100% EtOH	7/29/07
CRVA1185	" "	adult	"	"
CRVA1186	" "	adult	"	"
SMR290	*Sceloporus malachiticus* group	adult male	liver-FF	7/29/07
SMR291	" "	juvenile	"	"
CRVA1187	" "	juvenile	liver-EtOH	7/29/07
CRVA1188	" "	juvenile	"	"
CRVA1189	" "	adult female	"	"

rosito, Dean
2007

Catalogue - Guatemala

15.4 Km south by road of Rabinal, on CA-5 from El Chol to Rabinal, Sierra de Chuacús, Depto. Baja Verapaz, Guatemala

July 28 15.00460°N, 90.46865°W [WGS84, 8m acc.], 1815m elev.

SMR292 Bolitoglossa helmrichi (?) adult male liver - FF 7/29/07

CRVA1190 " " juvenile liver, tail - EtOH FF 7/29/07

0.7 Km W on dirt road from CA-5, 14.2 Km by road S of Rabinal on CA-5, Sierra de Chuacús, Depto. Baja Verapaz, Guatemala

July 28 15.00905°N, 90.47858°W [WGS84, 8m acc.], 1906m elev.

SMR293 B. helmrichi (?) subadult liver - FF 7/29/07

CRVA1191 " " adult female liver - EtOH FF 7/29/07

0.9 Km SE on dirt road from road between CA-15 and San Bartolome Jocotenango, 7.4 Km E of CA-15, Depto. El Quiche, Guatemala

July 30 15.12404°N, 91.14342°W [WGS84, 5m acc.], 1933m elev.

CRVA1192 [redacted] adult liver - EtOH 7/31/07

Conophanes fissidens

0.2 Km SE on dirt road from road between CA-15 and San Bartolome Jocotenango, 7.4 Km E of CA-15, Depto. El Quiche, Guatemala

July 30 CRVA1193 [redacted] Scolecophis atrocinctus adult liver - EtOH FF 7/31/07

CRVA1194 Sphenomorphus adult liver - EtOH 7/31/07

15.12745°N, 91.14919°W [WGS84, 10m acc.], 1936m elev.

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Catalogue

0.5Km NW of Canton Xolyuyup on side road from San Bartolome Jocotenango to San Pedro Jocopilas, 5.9Km (by road) from CA-15, Depto. El Quiche, Guatemala

July 30 15.11082°N, 91.12408°W [WGS84, 6m acc.], 2391m elev.

CRVA1195 *Plectrohyla* adult liver-100% EtOH 7/31/07

Nueva Santa Catarina Ixtahuacan, ca. 2Km (by road) from highest point on CA-1, Depto. Sololá, Guatemala

July 31 14.85037°N, 91.35818°W [WGS84, 9m acc.], 3000m elev.

CRVA1196 *Mesaspis moreletii* liver-EtOH 7/31/07

SMR294 " " adult liver-FF 7/31/07

SMR295 *Sceloporus* subadult male " "

ca. 2Km (by road) W on CA-1 and 0.6Km S on dirt road from highest point on CA-1, Depto. Sololá, Guatemala

July 31 14.83832°N, 91.37859°W [WGS84, 8m acc.], 2998m elev.

SMR296 *Bolitoglossa mosiro* subadult female liver-FF 7/31/07

CRVA1197 " " liver-FF EtOH 7/31/07

CRVA1198 *Norops* adult gravid female liver-EtOH 7/31/07

CRVA1199 *Sceloporus* adult male " "

CRVA1200 *M. moreletii* " "

3.5Km on dirt road S of CA-1 and ca. 2Km W of high point on CA-1, Depto. Sololá, Guatemala 14.82715°N 91.39634°W [WGS84, 14m acc.], 3041m elev.

July 31 CRVA1201 *Pseudoeurycea rex* adult male liver-FF EtOH 7/31/07

CRVA1202 *Sceloporus* liver-EtOH 7/31/07

CRVA1203 *B. mosiro* juvenile liver-FF EtOH 7/31/07

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2007

Catalogue

2.7 km S from CA-1 on dirt road [redacted] and ~2km W on CA-1 from highest point, Depto. Sololá, Guatemala

July 31 14.83443°N, 91.39102°W [WGS84, 5m acc.], 3031 m elev.

SMR297 *Scelaporus* liver - FF 7/31/07

SMR298 *Bolitoglossa mario* adult female liver - FF 7/31/07

CRVA1204 " " " liver - EtOH FF 7/31/07

On road from CA-1 5 towards Montaña Siete Cruces, Depto. Sololá, Guatemala

July 31 14.79134°N, 91.41372°W [WGS84, 8m acc.], 3083 m elev.

CRVA1205 *Mesaspis moreleti* adult no tissue taken

- found cut in half, dead

Up trail south from high point on El Paraíso - Oja Blanca Rd., 14.6 km by road from CA-1, Montañas de Cuilco, Depto. Huehuetenango, Guatemala

Aug. 1 15.56078°N, 91.98434°W [WGS84, 9m acc.], 2239 m elev.

CRVA1206 *Silvan* adult liver - FF EtOH 8/16/07

15.55957°N, 91.98440°W [WGS84, 10m acc.], 2328 m elev.

SMR299 *Bolitoglossa lincolni* FF - liver 8/2/07

CRVA1207 *Bolitoglossa lincolni* adult liver - EtOH FF 8/2/07

15.56062°N, 91.98419°W [WGS84, 8m acc.], 2281 m elev.

CRVA1208 *Dendrotriton rabbi* juvenile liver, tail, intestine - EtOH FF 8/2/07

15.56168°N, 91.98405°W [WGS84, 9m acc.], 2213 m elev.

SMR300 [redacted] *Rana* adult liver - EtOH FF 8/2/07

- found along road

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~6.5 Km (by road) W of San Cristobal on old road to Juxtlahuaca, Chiapas, Mexico

Aug. 4 16.72676°N, 92.70024°W [WGS84, 9m acc.], 2303 m elev.
SMR301 *Mesaspis moreleti* liver - FF 8/6/07

Biológico San José, 5.5 Km W of San Cristobal city limit on old road to Juxtlahuaca, Chiapas, Mexico

Aug. 6 SMR302 *Bolitoglossa hartwegi* adult male
CRVA 1209 " " subadult liver - FF Etoh 8/6/07
~~SMR303~~ *Plectrohyla* [redacted] - given to Antonio Muñoz
16.72427°N, 92.69966°W [WGS84, 11m acc.], 2200m elev.

Cerro Tzontehuitz, San Cristobal de las Casas, Chiapas, Mexico

Aug. 5 16.81787°N, 92.58017°W [WGS84], 2860 m elev.
SMR304 *Bolitoglossa rostrata* liver - FF 8/6/07
SMR305 " " " "
SMR303 " " adult liver - FF 8/10/07

0.5 Km south of Huixtan, Chiapas, Mexico

Aug. 7 16.70166°N, 92.45442°W [WGS84, 8m acc.], 2128 m elev.
SMR306 *Sphenomorphus* adult liver - FF 8/10/07

22.0 Km (by road) from city of Palenque on road to Ocosingo, Chiapas, Mexico

Aug. 7 17.37424°N, 91.98985°W [WGS84, 15m acc.], 398 m elev.
SMR307 *Sphenomorphus* juvenile liver - FF 8/10/07

Rovito, Sean
2007

Catalogue

Hotel las Leones, 2.2Km W (by road) of junction with Hwy 199, on road to Palenque Ruins, Chiapas, Mexico

Aug. 7 17.50082°N, 92.01256°W [WGS84; 10m acc.], 88m elev.

SMR308 *Hemidactylus* adult liver - FF 8/10/07

SMR309 " " "

Ná altzemen, Cueva de la Iglesia, Mnpio. Chilón, Chiapas, México

Aug. 8 17.03985°N, 92.25063°W [WGS84; 24m acc.], 1341m elev.

SMR310 *Bolitoglossa rufescens* juvenile liver, tail - FF 8/10/07

SMR311 *Ninia sebae* adult liver - FF 8/10/07

- collected w/ C. Vasquez + A. Muñoz

Road from Yajalón to La Ventana, 5.2Km (by road) from Yajalón, Chiapas, Mexico

Aug. 9 17.14905°N, 92.34853°W [WGS84; 11m acc.], 1490m elev.

SMR312 *Drymarchon corais* juvenile liver - FF 8/10/07

- collected w/ CRVA + AMA

Ná altzemen, Mnpio. Chilón, Chiapas, México 17.0458°N, 92.2416°W [WGS84], 1430m acc.

Aug. 9 SMR313 *Bolitoglossa rufescens* liver - FF 8/10/07

SMR314 *Bolitoglossa mexicana* [redacted] adult tail FF, liver - EtOH 8/13/07

~~SMR315~~ " " [redacted] " "

SMR315 *Adelphicos* liver - FF 8/10/07

[redacted] 17.0420°N, 92.2492°W [WGS84], 1440m elev.

SMR316 *B. rufescens* liver - FF 8/10/07

SMR317 " " juvenile FF - liver, tail 8/10/07

SMR318 " " adult male liver - FF 8/10/07

- collected by TJP, Gustavo, Nora

Vitro, Sean
2007

Catalogue

Yaattzemen, Mpio. Chilón, Chiapas, Mexico

Aug. 9 17.04420°N, 92.24992°W [WGS84], 1440m elev.

SMR319 *Ninia sebae* liver - FF 8/10/07

SMR320 *Sphenomorphus* " "

SMR321 " " " "

- w/ CRVA, TJP, Gustavo

2.7 Km north (by road) from Ocosingo-Huixtan road, [redacted]
1.7 Km east from Oxchuc by road

Aug. 10 16.81314°N, 92.33123°W [WGS84, 7m acc.], 1835m elev.

SMR323 *Norops* liver - FF 8/10/07

12 Km (by road) on highway to Ocosingo from junction with Hwy 190, Chiapas, Mexico

Aug. 10 16.68977°N, 92.48734°W [WGS84, 7m acc.], 2321m elev.

SMR324 *Hyla walkeri* adult male liver - FF 8/13/07

SMR322 *Cerrophidion godmani* juvenile liver - FF EtOH 8/10/07

8.7 Km south of San Juan Ixcoy (by road), Sierra de los Cuchumatanes, Dept. Huehuetenango, Guatemala

Aug. 11 15.57264°N, 91.45580°W [WGS84, 5m acc.], 2897m elev.

SMR325 *Bolitoglossa* [redacted] *rostrata* liver - FF 8/13/07

SMR326 " " " "

SMR327 " " " "

SMR328 " " juvenile whole animal - FF 8/13/07

SMR329 " " liver - FF 8/13/07

CRVA1210 " " juvenile [redacted] whole animal - EtOH 8/13/07

CRVA 1211 " " " "

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2007

Catalogue

8.7Km by road S of San Juan Ixcoy on road to Huehuetenango, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 11	CRVA1212	Bolitoglossa rostrata		liver - FF EtOH 8/13/07
	CRVA1213	"	"	" "
	CRVA1214	Bolitoglossa hartwegi		" "
	SMR330	Bufo boccourti	juvenile	liver - FF 8/13/07

7.0Km by road S of San Juan Ixcoy on road to Huehuetenango, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 11	15.57018°N, 91.44162°W [WGS84, 6m acc.], 2886m elev.			
	SMR331	B. hartwegi		liver - FF 8/13/07
	CRVA1215	B. boccourti	juvenile	liver - EtOH 8/16/07

9.6Km by road W of San Juan Ixcoy on road to Ocheval, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 12	15.61479°N, 91.50250°W [WGS84, 7m acc.], 2836m elev.			
	SMR332	B. rostrata	adult male	liver - FF 8/13/07
	SMR333	" "	juvenile	whole animal - FF 8/13/07
	SMR334	" "	subadult	liver - FF 8/13/07
	SMR335	" "	adult male	" "
	SMR336	" "	adult male	" "
	CRVA1216	" "	juvenile	whole animal - EtOH 8/13/07
	CRVA1217	" "		liver - FF EtOH 8/13/07
	CRVA1218	" "	juvenile	whole animal - EtOH 8/13/07
	CRVA1219	" "	juvenile	" "

Lovito, Sean
2007

Catalogue

7.0Km by road W of San Juan Ixcoy, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 12 15.60566°N, 91.48608°W [WGS84, 17m acc.], 2825m elev.

SMR337 *Bolitoglossa rostrata* adult liver - FF 8/13/07
CRVA1220 " " juvenile whole animal - EtOH 8/13/07
CRVA1221 " " " "
SMR338 *Bufo luscomitis* adult liver - FF 8/16/07
CRVA1222 " " juvenile liver - EtOH 8/13/07

Aldea Pie de la Cuesta, 1.2Km by road from center of San Juan Ixcoy on road to microwave tower, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 12 15.59241°N, 91.45522°W [WGS84, 11m acc.], 2339m elev.

SMR339 *Bolitoglossa lincolni* adult male liver - FF 8/13/07
CRVA1223 " " liver - FF EtOH 8/13/07

3 Km by road N of junction with road to Todos Santos Cuchumatan, on road from San Juan Ixcoy to Huehuetenango, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 12 15.47763°N, 91.50699°W [WGS84, 9m acc.], 3306 m elev.

SMR340 *Mesaspis moreleti* liver - FF 8/16/07
CRVA1225 " " liver - EtOH 8/16/07
SMR341 *Scaloporus* liver - FF 8/16/07

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2007

Catalogue

Saddle above El Rincon, west of San Marcos, Depto. San Marcos, Guatemala

Aug. 13 14.95537°N, 91.84599°W [WGS84, 6m acc.], 2761 m elev.

SMR342	*Bolitoglossa mosiro*	adult	male	liver-FF	8/16/07
SMR343	"	"	subadult	liver-FF	8/16/07
SMR344	"	"	adult male	liver-FF	8/16/07
CRVA1226	"	"	subadult	liver-EtOH	8/16/07
CRVA 1227	"	"	subadult	"	"

SW of Saddle above El Rincon, west of San Marcos, Depto. San Marcos, Guatemala

Aug. 13 14.95158°N, 91.84632°W [WGS84, 9m acc.], 2762m elev.

SMR345	*Bolitoglossa lincolni*	subadult		liver-FF	8/16/07
SMR346	*Dendrotriton bromeliacius*	adult	female	liver-FF	8/16/07
SMR347	"	"	adult female	liver-FF	8/16/07
SMR348	"	"	adult male	liver-FF	8/16/07
SMR349	"	"	subadult	tail-FF	8/16/07
SMR350	"	"	adult male	liver-FF	8/16/07
SMR351	"	"	adult male	whole animal-FF	8/16/07
SMR352	"	"	subadult	tail-FF	8/16/07
CRVA1228	"	"	adult	liver-EtOH	8/16/07
CRVA1229	"	"	juvenile	tail-FF EtOH	8/16/07
CRVA1230	"	"	adult male	tail-"	"
CRVA 1231	"	"	adult male	liver-"	"
CRVA1232	"	"	subadult	"	"

Rovito, Sean
2007

Catalogue

Saddle above El Rincon, W of San Marcos, Depto. San Marcos, Guatemala

Aug. 13 14.95790°N, 91.84595°W [WGS84, 5m acc.], 2781 m elev.

SMR353 *Scolopsus* juvenile male liver - FF 8/16/07

CRVA1233 *Bolitoglossa mexicana* liver - FF EtOH 8/16/07

- collected w/ TJP

South transect, 1.4 Km below El Boquerón School near Tejopan, Depto. San Marcos, Guatemala

Aug. 13 14.93607°N, 91.84358°W [WGS84, 9m acc.], 2458 m elev.

SMR354 *Bolitoglossa franklini* x *lincolni* (?) adult female liver - FF 8/16/07

SMR355 *Bolitoglossa franklini* subadult liver - FF 8/16/07

SMR356 *Bolitoglossa lincolni* adult female liver - FF 8/16/07

- collected w/ TJP

Forest near Buena Vista, west of San Marcos, Depto. San Marcos, Guatemala

Aug. 14 14.94928°N, 91.85210°W [WGS84, 7m acc.], 2450m elev.

SMR357 *Pendrobiles bromeliacius* juvenile tail - FF 8/16/07

- collected w/ TJP, Germán Sanchez

3Km E by road from Flores de Chiquiac, Chiquiac, Depto. San Marcos, Guatemala

Aug. 14 15.14103°N, 91.92181°W [WGS84, 7m acc.], 3240m elev.

SMR358 *Pseudoeurycea rex* adult female liver - FF 8/16/07

SMR359 " " adult female " "

CRVA1235 " " adult female liver - EtOH FF 8/16/07

CRVA1236 " " adult male " "

SMR360 *Bolitoglossa rostrata* adult male liver - FF 8/16/07

CRVA1237 " " adult male liver - FF EtOH 8/16/07

SMR361 *Scolopsus* juvenile male liver - FF 8/16/07

SMR362 *Mesaspis moreleti* adult female " "

Arts, Sean
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Catalogue

Finca Chasula, Km 264 on RN1, Depto. San Marcos, Guatemala

Aug. 14 14.94750°N, 91.86726°W [WGS84, 7m acc.], 210m elev.

CRVA1234 *Gastrophryne usta* adult liver-EtOH 8/16/07

Laguna Chicabal, Volcán Chicabal, Depto. Quetzaltenango, Guatemala

Aug. 15 14.78601°N, 91.65408°W [WGS84, 12m acc.], 2685m elev.

SMR363 *Bufo bocourti* adult liver-FF 8/16/07

CRVA1238 " " juvenile liver-EtOH 8/16/07

Las Nubes, 19Km by road NE of Colomba on RD3, Depto. Quetzaltenango, Guatemala

Aug. 15 14.80428°N, 91.66317°W [WGS84, 9m acc.], 2316m elev.

SMR364 *Bolitoglossa* sp. "Chicabal" adult female liver-FF 8/16/07

Finca El Volcán, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 17 15.48148°N, 89.87337°W [WGS84, 8m acc.], 818m elev.

SMR365 *Bolitoglossa rufescens* adult female liver-FF 8/18/07

CRVA1239 " " adult liver-EtOH 8/18/07

CRVA1240 " " adult " "

SMR366 *Agalychnis moreleti* adult male liver-FF 8/18/07

CRVA1241 " " adult female liver-EtOH 8/18/07

SMR367 *Anantodes cerchra* adult liver-FF 8/18/07

CRVA1242 *Bolitoglossa odonnelli* adult liver-EtOH 8/18/07

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Catalogue

Finca El Volcán, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 18 15.47903°N, 89.87991°W [WGS84, 19m acc.], 806m elev.

SMR368	Bolitoglossa rufescens	adult	male	liver-FF 8/18/07
SMR369	"	"	adult male	" "
CRVA1243	"	"	adult	liver-EtOH 8/18/07

Entrance to Finca El Volcan, on road to Senahú, Depto. Alta Verapaz, Guatemala

Aug. 18 15.48528°N, 89.85504°W [WGS84, 4m acc.], 685m elev.

SMR370	B. rufescens	adult	male	liver-FF 8/18/07
SMR371	"	"	male	" "
CRVA1244	"	"	male	liver-EtOH 8/18/07
CRVA1245	"	"	male	" "
CRVA1246	"	"		" "
CRVA1247	Ulmantodes conchae	adult		" "
CRVA1248	"	"	"	" "

Finca El Volcán, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 18 15.48148°N, 89.87337°W [WGS84, 8m acc.], 818m elev.

SMR372	Agalychnis moreleti	adult		liver-FF 8/18/07
CRVA1249	"		"	liver-EtOH 8/18/07

↑- brought by local collectors

Aug. 19	SMR373	B. rufescens	adult	tail-FF 8/19/07
	SMR374	"		"
	SMR375	"		"
	SMR376	"	" adult female	liver-FF 8/19/07
	SMR377	"	"	tail-FF 8/19/07

Lorito, Sean
2007

Catalogue

Finca El Volcan, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 19 15.48148°N, 89.87337°W [WGS84, 8m acc.], 818m elev.

SMR378 Bolitoglossa rufescens adult tail-FF 8/19/07
CRVA1250 B. rufescens adult tail-EtOH 8/19/07
CRVA1251 " "
CRVA1252 " "
CRVA1253 " "
CRVA1254 " "
CRVA1255 " "
CRVA1256 " "
SMR379 Lepidophyma flavimaculatum liver-FF 8/19/07
SMR380 " " " "
CRVA1257 " " liver-EtOH 8/19/07
CRVA1258 " "
CRVA1259 " "
CRVA1260 Agalychnis moreletii adult female liver-EtOH 8/19/07
- collected by residents from around finca

3.8 Km (by road) south of Finca El Volcan, Senahú, Depto. Alta Verapaz, Guatemala

15.46102°N, 89.87055°W [WGS84, 60m acc.], 1370m elev.

Aug. 19 SMR381 Gryllotalpa liver-FF EtOH 8/20/07
CRVA1261 Eleutherodactylus liver-EtOH 8/19/07
CRVA1262 Leptodeira liver-FF EtOH 8/20/07
CRVA1263 Norops liver-EtOH 8/19/07

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2007

Catalogue

Finca El Volcán, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 19 15.48148°N, 89.87337°W [WGS84, 8m acc.], 818m elev.

	CRVA1264	*Bolitoglossa rufescens*	adult	not tissued
	CRVA1265	"		"
	CRVA1266	"		"
	CRVA1267	"		"
	CRVA1268	"		"
	CRVA1269	*Dermilisca bandinii*	adult	liver-EtOH 8/19/07
	SMR383	*Dermatodes cenchroa*	adult	liver-FF 8/19/07
Aug. 18	SMR382	*Bolitoglossa odonnelli*	adult	liver-FF 8/19/07
Aug. 19	CRVA1270	"	"	liver-EtOH 8/19/07

- all but SMR382 taken by local collectors

	SMR384	*Lepidophyma flavimaculatum*		liver-FF 8/20/07
	CRVA1271	*Sibon sartorii*	adult	liver-FF EtOH 8/20/07
Aug. 20	CRVA1272	*Agalychnis moreletii*	adult	liver-EtOH 8/20/07
	CRVA1273	*Dermilisca bandinii*	adult male	liver-EtOH 8/20/07
	CRVA1274	"	male	"
	CRVA1275	"	male	"
	CRVA1276	"	male	"
	SMR385	"	" male	liver-FF 8/20/07
	SMR386	"	" male	" "
	SMR387	"	" male	" "
	SMR388	"	" male	" "
	CRVA1277	*B. rufescens*	adult	not tissued
	CRVA1278	*B. rufescens*	adult	not tissued
	CRVA1279	*B. rufescens*	adult	not tissued

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Catalogue

Finca El Nolón, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 20 15.48148°N, 89.87337°W [WGS84, 8m acc.], 818m elev.

SMR389 Bolitoglossa dofleini adult male liver-FF

CRVA1280 " " female liver-~~EtOH~~ FF 8/22/07

- collected by local resident somewhere on finca near the road

Finca Cuxmax, 5.1Km S and 2.8Km E (by road) from San Pedro Carchá, Depto. Alta Verapaz, Guatemala

Aug. 21 15.48651°N, 90.25469°W [WGS84, 10m acc.], 1240m elev.

SMR390 Bolitoglossa rufescens adult female liver-FF 8/21/07

SMR391 " " " "

SMR392 " " " "

SMR393 " " adult [redacted] " "

CRVA1281 " " adult liver-EtOH 8/21/07

CRVA1282 " " adult male " "

CRVA1283 " " " "

CRVA1284 " " " "

CRVA1285 " " adult " "

- collected by SMR, CRVA, TJP, Carlos Alvarado, 2 others

Finca Cuxmax, 6.0Km S and 2.8Km E (by road) of San Pedro Carchá, Depto. Alta Verapaz, Guatemala

Aug. 21 15.48843°N, 90.24901°W [WGS84, 9m acc.], 1267m elev.

SMR394 B. rufescens adult male liver-FF 8/21/07

SMR395 " " female " "

CRVA1286 " " female liver-EtOH 8/21/07

Kurtis, Dean
2007

Catalogue

Finca Cuxmax, 6.0 Km S and 2.8 Km E (by road) of San Pedro Carchá, Depto. Alta Verapaz, Guatemala

Aug. 21 15.48843°N, 90.24901°W [WGS84, 9m acc.], 1267 m elev.

SMR396 *Bolitoglossa mulleri* adult liver - FF 8/21/07
CRVA1287 " " adult liver - FF EtOH 8/21/07
CRVA1288 " " adult " " 8/21/07
SMR397 *Ninia sebae* adult liver - FF 8/21/07
CRVA1289 " " juvenile liver - EtOH 8/21/07
- collected by SMR, CRVA, TJP

Finca Rosario de Fatima, 2.2 Km S and 2.8 Km E (by road) from San Pedro Carchá, Depto. Alta Verapaz, Guatemala

Aug. 21 15.48765°N, 90.27730°W [WGS84, 10m acc.], 1283 m elev.

SMR398 *B. mulleri* adult liver - FF 8/21/07
CRVA1290 " " liver - FF EtOH 8/21/07
SMR399 *Ninia sebae* juvenile liver - FF 8/21/07
CRVA1291 " " adult liver - EtOH 8/21/07
CRVA1292 *Adelphicos* adult liver - FF EtOH 8/21/07
SMR400 *Ninia diademata* subadult liver - FF EtOH 8/21/07
CRVA1293 - tadpoles (from bromeliad) whole animal - EtOH 8/21/07
- collected by SMR, CRVA, TJP, Carlos Alvarado, finca worker

Satexa, 6.7 Km by road of San Juan Chamelco, Depto. Alta Verapaz, Guatemala

Aug. 21 15.39770°N, 90.29261°W [WGS84, 9m acc.], 1727 m elev.

SMR401 *Bolitoglossa lehmanni* adult liver - FF 8/21/07
CRVA1294 " " adult liver - FF EtOH 8/21/07
- collected by SMR, CRVA, TJP

ortó, Sean
2007

Catalogue

About 1Km (by trail) from El Salto de Chilascó, Chilascó, Depto. Baja Verapaz, Guatemala

Aug. 22 15.14768°N, 90.12646°W [WGS84, 6m acc.], 1882m elev.

SMR402 Silvan juvenile liver - FF 8/22/07

CRVA1295 Silvan adult liver - EtOH 8/22/07

CRVA1296 *Mesaspis moreleti* juvenile liver - FF EtOH 8/22/07

About 1Km (by trail) from trailhead to El Salto de Chilascó, Chilascó, Depto. Baja Verapaz, Guatemala

Aug. 22 15.14253°N, 90.12495°W [WGS84, 9m acc.], 1881m elev.

CRVA1297 *Bolitoglossa helmrichi* adult female liver - FF EtOH 8/22/07

Finca Foresta, 1.5Km (by road) from Chilascó, Depto. Baja Verapaz, Guatemala

Aug. 22 15.10883°N, 90.11301°W [WGS84, 9m acc.], 1865m elev.

SMR403 *B. helmrichi* adult liver - FF 8/22/07

SMR404 *M. moreleti* adult " "

Dam just after Agroindústrias Chilascó, 2.4Km (by road) from [redacted] center of Chilascó, Depto. Baja Verapaz, Guatemala

Aug. 23 15.10596°N, 90.10479°W [WGS84, 6m acc.], 1824m elev.

SMR405 *B. helmrichi* adult liver - FF 8/24/05

Km 133 on CA-9, 1.3Km (by road) N of junction with RN-17 to Salama, Depto. Baja Verapaz, Guatemala

Aug. 23 15.04174°N, 90.20605°W [WGS84, 9m acc.], 1539m elev.

CRVA 1298 *Corytophanes percarinatus* adult liver - FF EtOH 8/24/07

Savitto, Sean
2007

Catalogue

3.3 Km (by road) from south entrance to Copan Ruinas on CA-11 to El Florido border crossing, Depto. Copan, Honduras

Aug. 25 14.84237°N, 89.17178°W [WGS84, 10m acc.], 628 m elev.

SMR406 Bufo — liver - FF 8/26/07

- POR, kept on ice, tissued 24 hrs later

3.6 Km (by road) from west entrance to Copan Ruinas on CA-11 to El Florido border crossing, Depto. Copan, Honduras

Aug. 25 14.83950°N, 89.18562°W [WGS84, 10m acc.], 766 m elev.

SMR407	Bufo	adult male	liver - FF	8/26/07
SMR408	"	"	"	"
SMR409	"	"	"	"
SMR410	Smilisca baudinii	adult male	"	"
SMR411	Physalaemus pustulosus	adult male	"	"
SMR412	"	"	"	"
SMR413	"	"	"	"
SMR414	"	"	"	"

Municipal forest above Aldea San Joaquin, 9 Km (by road) N of Buena Vista and then 16 Km (by road) from CA-11 on road from San Antonio to El Paraíso, Sierra del Espíritu Santo, Depto. Copan, Honduras

Aug. 26 15.05772°N, 88.91272°W [WGS84, 50m acc.], 1598 m elev.

SMR415	Bolitoglossa conanti	adult female	liver - FF	8/27/07
SMR416	"	"	"	"
SMR417	"	" juvenile	liver - FF	8/26/07

Roito, Sean
2007

Catalogue

El Limón, 3.1 Km (by road) N of Buena Vista and then 16 Km (by road) from CA-11 on road from San Antonio to El Paraíso, Sierra del Espíritu Santo, Depto. Copán, Honduras

Aug. 26 15.03180°N, 88.93719°W [WGS84, 6 m acc.], 1120 m elev.

left in Tegucigalpa, Honduras with Franklin Castañeda

SMR418 *Bolitoglossa rufescens* adult male liver - FF 8/26/07
SMR419 " "
SMR420 " "
SMR421 " "
SMR422 " adult liver - FF 8/26/07
SMR423 " " adult female " "
- collected by locals

East [redacted] side of Copán Ruinas, Depto. Copán, Honduras

Aug. 27 14.83438°N, 89.15913°W [WGS84, 9 m acc.], 587 m elev.
SMR424 *Bufo marinus* adult liver - FF 8/27/07

West side of Copán Ruinas, Depto. Copán, Honduras

Aug. 27 14.84270°N, 89.14227°W [WGS84, 11 m acc.], 600 m elev.
SMR425 *Rhinoclemys* adult female liver - FF 8/31/07

Roito, Sean
2007

Catalogue

Aldea Buena Vista, 16 Km (by road), from CA-11 on Florida-El Paraíso Road, Depto. Copán, Honduras

Aug. 28 15.01276°N, 88.94236°W [WGS84, 10m acc.], 915m elev.

SMR426	*Bolitoglossa dofleini*	adult		liver-FF 8/28/07
SMR427	" "	juvenile		liver intestine - FF 8/28/07
SMR428	*Bolitoglossa mexicana*	adult male		liver - FF 8/28/07
SMR429	*Bolitoglossa rufescens*	adult female		" "
SMR430	" "	adult		" "
SMR431	" "	subadult		" "
SMR432	" "	subadult		" "
SMR433	" "	adult female		" "
SMR434	" "	adult female		" "
SMR435	" "	adult male		" "
SMR436	" "	adult male		" "
SMR437	" "	adult male		" "
SMR438	" "	adult male		liver, tail - FF 8/28/07
SMR439	" "	adult male		liver - FF 8/28/07
SMR440	" "	adult male		" "
SMR441	" "	adult male		liver, tail - FF 8/28/07

- all taken by local collectors, died in car during afternoon, tissued in evening

Communication tower, 5.3 Km south (by road) of CA-4 at high point on road, Reserva Biológica Guisayote, Depto. Ocotepeque, Honduras

Aug. 28 14.43856°N, 89.06448°W [WGS84, 7m acc.], 2281m elev.

SMR442	*Mesaspis*	adult male	liver - FF 8/28/07

orto, Sean
2007

Catalogue

Parque Nacional Cusuco, near visitors center, 5.6 Km (by road) from Buenos Aires, Depto. Cortés, Honduras

Aug. 29 15.49537°N, 88.21223°W [WGS84, 19m acc.], 1580m elev.

SMR443 Bolitoglossa conanti adult liver, intestine - FF 8/31/07

SMR449 Bothriechis marchi juvenile liver - FF 9/4/07

Creek below Albergue, Buenos Aires, 18.7 Km (by road) north of Cofradía, Depto. Cortés, Honduras

Aug. 29 15.50070°N, 88.17596°W [WGS84, 12m acc.], 1050m elev.

SMR444 Bolitoglossa dofleini subadult liver - FF 8/31/07

SMR445 Bolitoglossa rufescens adult female liver - FF 8/30/07

SMR446 Duellmanohyla soralia adult female liver - FF 8/30/07

SMR447 " " liver - FF 9/6/07

SMR448 Craugastor chac adult female liver - FF 9/6/07

Parque Nacional Cusuco, near visitors center, 5.6 Km (by road) from Buenos Aires, Depto. Cortés, Honduras

Aug. 30 15.49630°N, 88.21133°W [WGS84, 8m acc.], 1546m elev.

SMR45[redacted] Scolopsus adult female liver - FF 8/30/07

SMR451 Drymobius chloroticus adult liver - FF 8/31/07

Parque Nacional Cusuco, 4.0 Km (by road) from Buenos Aires, Depto. Cortés, Honduras

Aug. 30 15.49832°N, 88.20275°W [WGS84, 32m acc.], 1446m elev.

SMR452 Norops adult male liver - FF 8/30/07

Kurto, Sean
2007

Catalogue

Buenos Aires, 18.7 Km (dry road) from center of Cofradía, Depto. Cortés, Honduras

Aug. 30 15.49968°N, 88.17888°W [WGS84, 10m acc.], 1113m elev.
SMR453 Crangastor chac adult heart liver - FF 8/30/07
- collected by Carlos Alvarenga

11.9Km (dry road) from center of Cofradía on road to Buenos Aires, Depto. Cortés, Honduras

Aug. 30 15.48238°N, 88.18385°W [WGS84, 17m acc.], 896m elev.
SMR454 Trachemys [redacted] adult male liver - FF 8/31/07

Laguna immediately west of mouth of Río Leán, SE of Punta Izopo, Depto. Atlántida, Honduras

Aug. 31 15.83516°N, 87.33577°W [WGS84, 19m acc.], 5m elev.
SMR455 Kinosternon adult muscle liver - FF 8/31/07
- found dead on beach of laguna

15.82813°N, 87.33693°W [WGS84, 10m acc.], 5m elev.
SMR456 Trachemys juvenile liver - FF 8/31/07

11 Km (dry road) W of CA-5 at Hospital Omesa, San Pedro Sula, Sierra de Omoa, Depto. Cortés, Honduras

Sept. 1 15.49075°N, 88.09759°W [WGS84, 8m acc.], 1270m elev.
SMR457 Bolitoglossa rufescens adult female liver - FF 9/6/07

Savitto, Sean
2007

Catalogue

12.7 Km (by road) W of CA-5 at Hospital Cemesa, San Pedro Sula, Sierra de Omoa, Depto. Cortés, Honduras

Sept. 1 15.49894°N, 88.10838°W [WGS84, 7m acc.], 1469 m elev.

SMR458 Bolitoglossa dunni adult female liver-FF 9/7/07

SMR459 Bolitoglossa conanti juvenile liver, tail-FF 9/7/07

SMR460 " " liver, tail-FF 9/7/07

13.3 Km (by road) W of CA-5 at Hospital Cemesa, San Pedro Sula, [redacted] Sierra de Omoa, Depto. Cortés, Honduras

Sept. 1 15.50400°N, 88.10881°W [WGS84, 7m acc.], 1542 m elev.

SMR461 B. dunni subadult liver-FF 9/6/07

Sept. 2 SMR462 Bolitoglossa conanti juvenile liver, tail-FF 9/7/07

14.0 Km (by road) W of CA-5 at Hospital Cemesa, San Pedro Sula, Sierra de Omoa, Depto. Cortés, Honduras

Sept. 2 15.50939°N, 88.11172°W [WGS84, 7m acc.], 1505 m elev.

SMR463 B. conanti juvenile liver, tail-FF 9/7/07

Aldea Buenos [redacted] Aires, 18.7 Km (by road) from center of Cofradía, Depto. Cortés, Honduras 15.49968°N, 88.17888°W [WGS84, 10m acc.] 1113 m elev.

Sept. 2 SMR464 Bolitoglossa dofleini adult female liver-FF 9/7/07

SMR465 " " liver-FF 9/4/07 left w/ F. Castañeda

SMR466 " " subadult

SMR467 Ninia sebae juvenile FF-whole animal 9/6/07

- collected by Wilmer (464-466) between 8/31 and 9/2

Ninia collected by Misael during same time

Roitto, Sean
2007

Catalogue

Buenos Aires, 18.7 Km (by road) from Cofradía central plaza, Depto. Cortés, Honduras

Sept. 2 15.49968°N, 88.17888°W [WGS84, 10m acc.], 1113m elev.

SMR468	Bolitoglossa rufescens		adult male	tail [redacted]	- FF 9/3/07
SMR469	"	"	adult male	"	"
SMR470	"	"	adult	liver	- FF 9/6/07
SMR471	"	"	adult	"	"
SMR472	"	"	adult male	"	"
SMR473	"	"	adult female	"	"
SMR474	"	"	adult female	"	"
SMR475	"	"	adult	"	"
SMR476	"	"	adult female	"	"
SMR477	"	"	adult female	"	"
SMR478	"	"	adult female	"	"
SMR479	"	"	adult	"	"
SMR480	Sphenomorphus		juvenile	liver, tail, intestine	- FF 9/6/07

- B. rufescens collected by Misael (10) and Jesús (5) from 8/31-9/2
Sphenomorphus collected by Wilmer from 8/31-9/2

Parque Nacional Cusuco, near visitors center, 5.6 Km (by road) from Buenos Aires, Depto. Cortés, Honduras

Sept. 2 15.49537°N, 88.21223°W [WGS84, 19m acc.], 1580m elev.

SMR481	Bolitoglossa conanti		adult male	liver	- FF 9/6/07
SMR482	Bolitoglossa diaphora		adult female	"	"
SMR483	"	"	adult male	"	"

← collected by SMR, Jesús
← collected by SMR, TJP, Jesús, Misael

Sept. 3 SMR484 B. conanti adult female liver - FF 9/7/07

ritz, Sean
2007

Catalogue

Parque Nacional Cusuco, near visitors center, 5.6 Km (by road) from Buenos Aires, Depto. Cortés, Honduras

Sept. 2 15.49630°N, 88.21133°W [WGS84, 8m acc.], 1546m elev.

SMR485 Bolitoglossa conanti adult female liver-FF 9/7/07
SMR486 Bolitoglossa conanti juvenile FF-whole animal 9/6/07
SMR487 Bolitoglossa diaphora adult male liver-FF 9/7/07
SMR488 " " liver-FF 9/7/07
SMR489 " " subadult liver-FF 9/7/07

- SMR485-487 collected by SMR, DP, Misael, Jesús, 488+489 by me

Compañia Agricola Paradise, 3.4 Km S and 1.1 Km W (by road) from Peña Blanca, Depto. Santa Barbara, Honduras

Sept. 4 14.94750°N, 88.04469°W [WGS84, 12m acc.], 693 m elev.

SMR490 Bolitoglossa mexicana adult female liver-FF 9/7/07
SMR491 Smilisca baudinii adult female liver-FF 9/6/07

D&D Brewery, 3.4 Km S and 0.2 Km W (by road) from Peña Blanca, Depto. Santa Barbara, Honduras

Sept. 4 14.94682°N, 88.03809°W [WGS84, 8m acc.], 673 m elev.

SMR492 Smilisca baudinii adult female liver-FF 9/6/07
SMR493 Ninia diademata adult liver-FF 9/6/07

El Portillo, at highest point on road from Santa Rosa de Copán to Nueva Ocotepeque, 20.5 Km (by road) from Nueva Ocotepeque, Reserva Biológica Guisayote, Depto. Ocotepeque, Honduras

Sept. 5 14.46493°N, 89.07259°W [WGS84, 5m acc.], 2012 m elev.

SMR494 Norops adult female liver-FF 9/6/07

Ramos, Sean
2007

Catalogue

17.1 km (by road) W of Nueva Ocotepeque on road to Santa Rosa de Copán, Depto. Ocotepeque, Honduras

Sept. 5 14.46373°N, 89.09646°W [WGS84; 4m acc.], 1828m elev.

SMR 495 Rana adult liver-FF 9/6/07

Sean M. Rovito

2007 (Part)

Journal

Costa Rica: Limon, Puntarenas

Guatemala: Alta Verapaz, Baja Verapaz, El Quiche, Huehuetenango, Jalapa, Quetzaltenango, San Marcos, Totonicapan

Honduras: Atlantida, Copan, Cortes, Ocotepeque

Mexico: Chiapas

Porto, Sean
2007

Journal

Cerro Miramundo, Depto. Jalapa, Guatemala

July 27 Ted Papenfuss and I met Carlos Vasquez and two students, Lisa and Melissa, at Carlos' museum at 10:30AM, after two hours spent arranging to take the rental car to Chiapas. We drove south on the Panamericana to Barbarena, then through Casillas and Mataquescuintla to Cerro Miramundo. We took a dirt road south from the main road before reaching the town of Miramundo and drove to a locked gate on the way to some microwave towers. We started searching here at 13:30. There were tons of big logs and stumps in grassy areas along the road, with decent-sized fragments of oak-pine-fir forest past the cleared areas. This looks like the area near Nebaj where we found salamanders in 2005. Many logs were rotten and moist inside, and seemed great for salamanders. I had no luck with salamanders, but the others got 4 B. moria - 3 from stumps and 1 in a fallen bromeliad. We came here to get Pseudoeurycea expectata and were disappointed not to find any. We searched until 16:40 and got 6 Mesaspis moreleti, 5 Sceloporus malachiticus group, and 2 Norops sp. (14.52789°N, 90.14494°W [WGS84, 7m acc.], 2604m elev.). We then drove to the town of Miramundo and took a road S through some broccoli fields to an antenna with a small forest fragment near it; this is very near where P. expectata was found in the past. It got dark before we could search and we headed back. The day was partly cloudy and cool.

Corito, Sean
2007

Journal

Sierra de Chuacús, south of Rabinal, Depto. Baja Verapaz, Guatemala

July 28 Carlos had plans with his family today, so Ted and I decided to do a day trip to an area of the Sierra de Chuacús, south of Rabinal, that I thought looked interesting based on the map. We took CA-5 out of Guatemala City around 9:30 and drove through San Juan Sacatepequez north to Montufar, where the road became gravel - our map showed it as paved to Rabinal. We spent hours driving on this slow road through scrub and dry forest. After El Chol, we began to climb more, and we started seeing small bromeliads at 1600m. We stopped in an oak and pine forest shortly before the crest and found many large bromeliads. We searched from 13:30-14:15 and got 1 adult male and 1 subadult B. litoglossa in 2 of the approx. 20 bromeliads we opened. These animals look like B. helmrichi but have no orange or pink color on the underside of the tail, as is seen in B. helmrichi from Purulhá and the Sierra de las Minas. These may be the B. helmrichi or B. cuchumatana-like species collected at Santa Rosa Pass in the 70s. There were more bromeliads, but we continued up to the crest (almost 2000m elev.) and down the N side, where we found a dirt road heading W from the main road. We cut bromeliads in a patch of forest (pine + oak) 1.3Km from the main road and found 2 more individuals of the same species from 15:00-15:45. We then searched in some great-looking roadbanks from here to the main road from 16:00-16:30, hoping to find a B. meliana, but we had no luck. I

ritz, Sean
2007

Journal

Sierra de Chuacús, 5 of Rabinal, Depto. Baja Verapaz, Guatemala (cont)

July 28 ... also opened a few logs and stumps with good bark. We continued north looking for another good spot, but the road drops quickly and the forest becomes quite dry. Only the area along the crest appears good for salamanders. There are several higher peaks to the west of here that would be great to work, but access is difficult at present (no roads). We took the road through Salama and La Cumbre back to Guatemala City, arriving at 21:30. The day was cool and cloudy with thunderstorms nearby, although it didn't rain on us.

Roberts, Sean
2007

Journal

Area around Santa Cruz del Quiche, Depto. El Quiche, Guatemala

July 30 Ted, Carlos, Gustavo and I prepared specimens yesterday in the morning and then drove to Santa Cruz del Quiche in the afternoon/evening. This morning, we met briefly with people from Defensoría K'iché, a NGO who Carlos met with earlier to arrange permission to work on the road to Santa Rosa Chujuyub. We had been expelled from this area in 2005 and banned from returning. We went to the town of Cruz Ché Cuarta, where the 1st auxiliary mayor wasn't there. We talked to someone else in charge, who said that the community hadn't been informed yet because the auxiliary mayor hadn't told anyone, and that we had to wait until Sat. when they have a town meeting. We talked to the aguacil as well, and he knew about us but told us the same story. They refused to accompany us and told us that we couldn't go, so we left, not wanting to lose the little progress we had made so far. This was infuriating to me - we were assured everything was OK for us to work here. They just operate by a different system than us, I guess; could be good at times (very democratic) but frustrating when a decision needs to be made. We drove to San Pedro Jocopilas and took the road to San Bartolomé Jocotenango, looking for another place to search. We went off on a dirt road southeast from the main road and stopped in 2 spots, but found only 1 Rhadinea (15 min search in bank and bromeliads - CRVA 1192) and 1 Sibon (CRVA 1193) and 1 Sphenomorphus (14:15-14:45 searching). The habitat here was fairly dry pine forest, with some good stumps and a few good bromeliads. We took a side road south from the main road and went over the mountains to San Pedro. On the way,

Kurto, Sean
2007

Journal

Area around Santa Cruz del Quiche, Depto. El Quiche, Guatemala (cont.)

July 30 we stopped for 40 min and searched in a pine and oak forest with many excellent stumps and logs, but found nothing (15.13317°N, 91.13708°W [WGS84, 11m acc.], 2142m elev.). Finally, we stopped near Canta Xolguyup and found 1 Plectrohyla in ~10 min of searching in the roadbank. We drove back to Santa Cruz, had dinner and returned to the spot where Carlos found the Siboa, but it was late and we didn't get anything more.

Total for day: 1 Rhadinea
1 Siboa
1 Sphenomorphus
1 Plectrohyla

"Burial Ridge", high point on Panamericana, Depto. Totonicapan, Guatemala

July 31 We left Quiche and drove to the high area of CA-1 between los Encuentros and Cuatro Caminos to find B. rostrata and P. rex. We first searched near a town called Nueva Santa Catarina Ixtahuacán, but most of the land was being used to grow corn, and we only found 2 Mesaspis and 1 Scelaporus in ~15 min searching. We continued on CA-1 toward Xela and went south on a road 1.6Km from Nueva Santa Catarina Ixtahuacan. We searched in great bunchgrass habitat with many good rocks 0.6Km from CA-1 on this road from ~12:10-1255 but found only 1 Scelaporus, 1 Norops and 1 Mesaspis. Ted then found 2 small B. maia under rocks right along the road. This area looked perfect for B. rostrata. We continued on and stopped 3.5Km from CA-1

Corto, Sean
2007

Journal

"Zunil Ridge", near high point on Panamericana, Depto. Totonicapan, Guatemala (cont)

July 31 ... and searched under stones and in the roadbank for ~15 min. Gustavo got an adult male P. rex and a juvenile B. mario in the roadbank, and I got a Sceloporus. We drove back to a point 2.7 Km from the main highway and searched (mostly in the roadbank) from 13:30-14:30. Gustavo got 2 big adult female B. mario, and we got 1 more Sceloporus. There is a lot of good bunchgrass in this area and some forest, so the habitat seemed very good. Finally, we drove further down the road and searched in bunchgrass and in a heavily impacted cypress forest near a town for ~30 min, but got nothing except a cut in-half Mesasaga that Carlos found on the trail. It was raining on us by this point. We had searched all the good spots we could find, so we drove on to Huehuetenango and spent the evening fixing steamers.

Total for day: 4 P. moreleti, 4 Sceloporus, 1 Norops; 5 B. mario, 1 P. rex

Montañas de Cuilco, Depto. Huehuetenango, Guatemala

Aug. 1 We tried to leave Huehue early this morning but failed (as usual) and drove to La Mesilla on the Mexican border. Ted wanted to scout out wet road banks and return to them at night to look for B. stuartii. We backed into a car in the hotel parking lot and spent most of an hour dealing with that (Q800.00 mistake) and then drove 5 to El Reposo on CA-1. We turned off on a dirt road towards El Paraíso and drove for 14.6 Km to a high point between El

Savitz, Dean
2007

Journal

Montañas de Cuilco, Depto. Huehuetenango, Guatemala (cont.)

Aug. 1 Paraíso and Oja Blanca, where Lynch and Elias had stopped to collect *Dendrotriton rabbi* and *B. lincolni* in the forest above the road. We parked and walked up a trail south from the road, and started searching in bromeliads at 13:50. There are still some huge trees left but parts of the forest have been logged, and it wasn't as pristine as Elias described. We searched in bromeliads, under logs and under rocks, and I found a snake (*Sibon*?) under a big rock. Ted went uphill to search in logs and Carlos, Gustavo and I stayed together with the bromelid cutter. At ~2300m elev., there were no more bromeliads and only secondary forest. I found a *B. lincolni* under a piece of wood and Gustavo found another big adult under a log. We searched under logs up to ~2450m and then headed back down to where the bromeliads were. The saw on the cutter broke, so we only could open the bromeliads within reach, which were few. Carlos knocked a small one down with the cutter handle and found a tiny *Dendrotriton rabbi*. We continued downhill but found no more salamanders. I found a *Rana* along the road, where we stopped searching at 18:00. We drove down to the highway, but got there too late to find anywhere to look for *B. stuarti*. Stayed at Hotel Oasis (very nice) in La Mesilla (not so nice).

Total for day: 2 *B. lincolni*
1 *Dendrotriton rabbi*
1 *Sibon*
1 *Rana*

Kovito, Sean
2007

Journal

La Mesilla, Guatemala to San Cristobal, Mexico

Aug. 2 We crossed the border to Mexico today, which took forever because of the car permit. On the way to San Cristobal, we drove to Laguna Chamula microwave station, ~15 km SSE of Acatenango del Valle. Ted and Bob Seib had collected 2 B. hartwegi here in the 70s. The forest at the top is now totally trashed, but was clearly beautiful before. There are still some pine and oak trees with good bromeliads, but many trees have been cut down and turned into charcoal. Soon there will be nothing left here. We searched in bromeliads and logs from 17:40-19:40 but found no herps. Gustavo found a bat in a log. We gave up and drove on to San Cristobal.

GPS: 16.49177°N, 92.31866°W (584,7m acc.), 2395m elev.

San Cristobal de las Casas, Chiapas, Mexico

Aug. 4-6 The night of Aug. 4, Ted, Tom, Paul Elias (!), Steve Helan, Ricardo and I skipped the Plethodontid Conference field trip to Tzontehitz to go look for B. hartwegi at the type locality. We got confused and went ~1 km too far on the old road to Tuxtla Gutierrez. We searched a roadbank along a dirt road ~6.5 km W of San Cristobal for ~20 min but it was very dry and I got only an M. moleti. Tonight, we walked trails and a road at Ecologico San Jose, 5.5 km W of San Cris (Ted, Paul, Gustavo, Carlos and I). Paul found a big Plectrohyla and a subadult B. hartwegi, and Carlos got an adult male B. hartwegi. We searched from approx. 19:45-20:45, and the weather was rainy and cool.

Foster, Sean
2007

Journal

San Cristóbal to Palenque, Chiapas, Mexico

Aug. 7 We drove to Palenque today, stopping at some sites along the road to look for B. hasturegi. We searched in roadbanks in high areas around Huixtan for ~30 min, but found nothing although the habitat looked good. There were tons of bromeliads and some good forest left. We also searched in logs at a second site ~0.5 Km S of Huixtan for 30 min, but found only a Sphenomorphus. We then drove on to Palenque, planning to stop on the way back.

Ná altzemen, Mnpio. Chilón, Chiapas, Mexico

Aug. 8 We went to Palenque this morning - absolutely spectacular. I wish we had more time there, but we could only spend a morning before we drove to Ocosingo to meet Antonio Muñoz and his partner Nora. We all drove to Bachajón and then up a side road to the village of Ná altzemen, where a student of Antonio had collected a Cryptobrachon alvarezdeltoroi and a mexicana-type Bolitoglossa sp., possibly distinguished from B. mexicana by having lines rather than just blotches on the dorsum and by having less webbed feet (I think). Some kids took us to la Cueva de la Iglesia, a big limestone cave where the Cryptobrachon was found at the mouth. We searched some nice wet mossy areas for ~30 min but found nothing. On the way out we got a B. rufescens, a Duellmanohyla, and a Smilisca (escaped) on leaves in secondary forest. The kids here call salamanders ti' kuá'il and frogs 'chiich. We spent the night in Chilón.

Rovito, Sean
2007

Journal

Chilón area, Chiapas, Mexico

Aug. 9 Nora, Ted and Gustavo decided to go back to Yáattzomen today to look for Cryptobiton. Antonio, Carlos and I wanted to go to Cerro Acalbalná, a 2500m peak where Antonio and his students had collected B. rostrata in 1994. We woke up very early because: 1) Chilón has more chickens than anywhere else on the planet, which start making noise at 4AM, and 2) the people here don't observe daylight savings time, so it is 1 hour earlier than everywhere else. We took off around 8AM and got a Drymarchon corais on the road to La Ventana. As we got closer to the end of the road, the people became less welcoming. This is one of the biggest Zapatista strongholds, and they are very distrustful of outsiders. When we got to Emiliano Zapata, the town at the end of the road where we wanted to start hiking, we got a frosty welcome. The women told us to ask the men, and 1 of 2 men still in town told us we had to wait for the whole town to talk about it that night, which we had no time for. The other man there pretended he didn't hear us. We left and drove to a second site near Yajalón, where it was the same story. We drove back to meet the others, who also had a frustrating day. Their guide had only been able to take them to one small area of forest, where they cut down ~12 bromeliads and got 1 B. rufescens (SMR313). Local kids collected 2 B. mexicana and an Adelphicus. We met them and searched a little more around the village, where Carlos got 2 B. rufescens. Kids brought in a Ninia, 2 Spheromorphus and a B. mexicana-like salamander

Rovito, Sean
2007

Journal

Chilon area, Chiapas, Mexico (cont.)

Aug. 9 ...that Antonio thought might be the supposed new species. It had fairly clear lines on its back instead of just blotches, and came from under wood in a cafetal. One of the men in the village then took us to a fragment of pine forest on the way out, but there was almost nothing to turn and we only spent ~30 min. He then took us to a big sinkhole-like depression in the pine forest where there were several small caves, some with deep holes. They looked too dry for salamanders at present, but Antonio got an Eleutherodactylus in one. Although we didn't find Cryptobranchus, supposedly there is a very nice privately owned forest nearby with big trees and bromeliads, so the species could still be here.

Chilon to San Cristobal de las Casas, Chiapas, Mexico

Aug. 10 We left Chilon and drove to Altamirano, hoping to see some high country, where we could collect. We talked to people and found out that there are no roads that go high, although we could see great forest on the peaks all around. We wanted to stop in a pine forest to look for B. mexicana, wouldn't give us permission (Zapatista area, no men around to ask, etc. as before) so we gave up and started to drive to San Cristobal. We made several stops at >1800m on the way back to look for salamanders, particularly B. hartwegi, but got only a Thorius and a Hyla walkeri.

Rovito, Sean
2007

Journal

San Juan Ixcoy, Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 11 We left San Cristóbal around 11AM and drove to San Juan Ixcoy in the Sierra de los Cuchumatanes. We got rooms at the Hotel Captzin and went to the *B. cuchumatanus* type locality south of town. On the way, we talked to some people from the town and from Todos Santos Cuchumatan and they seemed quite familiar with *B. lincolni*. We searched along the roadcut and in the forest at night and got 9 *B. rostrata* and 1 *B. bocourti*, but no *Pendrotriton*. We then drove ~2Km toward town and searched the roadbank for ~15 min. Gustavo found a *B. hartwegi* and we got another *B. bocourti*. We then headed back to town. The weather was perfect for salamanders - light rain and mist.

searched from 19:00-20:40

Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala

Aug. 12 The owner of the Hotel Captzin, who lives in Florida, met us at 07:30 to take us out to some land he owns where we hoped to find *B. lincolni*. We drove up out of town to a high area with some oak trees and searched for 1 hr, but found only *B. rostrata* (9). Our guide was supposed to go back to town for church, but he liked being out so he stayed with us. We drove a little back toward town to a fairly decent oak forest - logged, but still some big, mossy trees - and searched for *Pendrotriton* from 09:30-11:30 by pulling moss and bark off trees and looking in stumps. We found only

Roito, Sean
2007

Journal

Sierra de los Cuchumatanes, Depto. Huehuetenango, Guatemala (cont.)

Aug. 12 ... a few B. rostrata and 2 B. bocourti. I learned the word for frog (péjé) and salamander (uni) in Kan'jobal. We dropped our guide off in town and drove just past Aldea Pie de la Cuesta on the way to the microwave towers. We searched in a great roadbank from 14:00-14:45 and got 2 B. lineolni. As far as I know, no one has collected them here since Larry Stuart, although they appear to be fairly common. We drove back to the Dendrotriton type locality and searched from 16:00-16:45. I pulled down the only easily accessible bromeliad and got 2 big B. rostrata (didn't collect). D. bromelacius should still be at this spot, and bromeliads seem like the best bet to find it. I found a dead shrew on the trail (CRVA 1224). Finally, we stopped at a site 3 Km N of the junction of the Huehue-Barillas road and the road to Todos Santos Cuchumatan. We searched under rocks in bunchgrass habitat, with some conifers, but found only 2 Mesaspis and 1 Sceloporus from 17:20-18:20. P. rex used to be extremely abundant here. We drove to Huehuetenango, dropped Gustavo off (he has to be back at work tomorrow) and drove on to San Marcos, arriving late at night.

Pinto, Sean
2007

Journal

Saddle area, El Rincon, Depto. San Marcos, Guatemala

Aug. 13 Carlos took a bus back to Guatemala City this morning to spend a few days with his family. Ted and I walked from El Rincon up to the saddle area, where we found 5 B. mosis under cover objects along the path in the forest. We walked SW down the path to the cypress plantation where we found Dendrotriton last year. We opened ~10 bromeliads in the cypress and small hardwood trees but got only 1 small B. lincolni. I climbed up a big hardwood tree on the edge of the cypress (same tree where we got Dendrotriton last year) and pulled down ~10 bromeliads. We found 12 D. bromeliacius in these; 1 bromeliad had 4 salamanders. In all, we spent ~1 hour searching here. We then spent 30 min searching on the edge of the cypress plantation under cover objects. We walked down a path and quickly got into nice primary cloud forest, where we searched under great logs for Pseudoeurycea for 1 hour but found nothing. We walked up to the saddle and searched from 15:20-16:30 under all available (few) cover objects and in bromeliads, but got only a single Scelaporus. Was hoping to find B. rostrata. I got a B. mosis a little down the path back to El Rincon. We had light rain in the afternoon and evening. After dinner, we drove to the south transect and searched with lights on the roadcut from 19:20-20:10. I got a big B. lincolni, a small B. franklini and a possible hybrid between the 2 species; looks like B. franklini but is the size of B. lincolni. Spent night at Hotel Perez.

Rovito, Sean
2007

Journal

San Marcos area, Depto. San Marcos, Guatemala

Aug. 14 We drove down to the "niño people's" house at 08:30AM to meet Herman Sanchez, Sra. Sandoval's son (I think). He collected for Jim Lynch in the 70s. I asked him to take us to the exact spot where he found so many salamanders in the past. We drove to just above Restaurante Girasoles, ~1Km downhill from Buena Vista, and walked upslope away from the road. We started searching in a logged area with a lot of stumps at 08:50, and soon got into nice cloud forest. We searched in stumps and bromeliads until 11:20, but found only a single D. bromeliacius in a bromeliad. The Pseudoeurycea seem truly to be gone. We drove down to Finca Ainsula and tried to find more bromeliads in the cypress forest for ~30 min, but I could only find stumps to search in. I got a Hoplis nasalis under a piece of wood. On the way out towards the road, we searched in fairly good secondary forest (with some original big trees) from 13:45-15:00, but found nothing despite opening some nice bromeliads. It rained during the afternoon. We drove up to the high plateau above San Marcos and searched at the junction of the Tajumulco and Tacana roads under great rocks in bunchgrass habitat for 45 min (16:55-17:40) but found nothing. Finally, we drove up to the forest near Flores de Chiquan where we searched in 2005. I got a Sclerophrys in a rocky area and a P. rex under the bark of a log from 18:00-18:45, as well as a Mesaspis. We searched on

Savitz, Sean
2007

Journal

San Marcos area, Depto. San Marcos, Guatemala (cont.)

Aug. 14 ...the roadbank with lights from 19:00-19:40. I got 2 adult *P. rex*, and Ted got 1 *P. rex* and 2 adult *B. rostrata*. It was cold and rainy, so conditions were good. Some guards from the local village stopped us and called the police. More locals showed up, got angry, and some threatened us and called us liars. They were upset that we were out at night and that we hadn't asked permission in town to search. The situation was tense, but, I eventually talked them into letting us go. The police eventually arrived, checked our permit and let us leave. We got back to San Marcos at 10:30PM.

Volcan Chicabal, Depto. Quetzaltenango, Guatemala

Aug. 15 We left San Marcos in the morning and drove to Volcan Chicabal. We hiked up to the crater and searched in rotten logs from 12:15-14:35. Once again, conditions seemed perfect and there were plenty of good logs, but we got no salamanders. We found 2 *Bufo* on the path around the lake. We walked down and drove to the village of Las Nubes, 19Km by road from Colomba. We searched in a canyon where Ted, Dave and Manuel found a *Bolitoglossa* sp. last year. We looked under cover objects for ~10min and then searched in bromeliads for ~20min. Some kids came along and told us they see the salamanders mostly on the ground, and we got 4 of them to look, immediately, the oldest one, Luis Ramirez Mendez, found a big adult female *Bolitoglossa* in some leaf litter on the slope above the road.

Rovito, Sean
2007

Journal

Volcan Chicabal, Depto. Quetzaltenango, Guatemala (cont.)

Aug. 15 It looks a little like B. flavipennis but doesn't have yellow legs and seems to have a different head shape. This is the B. sp. "Chicabal" that Wake + Lynch found in the 70s. We all searched in leaf litter for about 30 more minutes but found nothing more. Ted and I drove on to Guatemala City by the coast road in a heavy rain, arriving very late.

Finca El Volcán, Depto. Alta Verapaz, Guatemala

Aug. 17 Today Ted, Carlos, Gustavo and I drove to Finca El Volcan by way of Tactic, Tucuru and Senahu. The road from Tactic to Tucuru was bad, but it was fine the rest of the way. We got to the finca at dusk, ate dinner and searched around the main house from 20:30-21:05. I found an Amastodes conchoa on a cardamon plant. Carlos got 2 B. rufescens, an Agalychnis moreleti and a Bolitoglossa odonnelli, all near the house. Gustavo got a B. rufescens, and Ted got an A. moreleti. It was rather dry, so not many animals were out. It rained a lot later at night.

Finca El Volcán, Depto. Alta Verapaz, Guatemala

Aug. 18 We spent the morning searching in bananas at 2 sites around the finca. We searched for ~45 min and found 3 B. rufescens at the first site, on the footpath from the finca to a nearby community. We then went to the road that branches at the entrance to the finca and searched in bananas (mostly the green, not-so-good kind) for another 30-45 min and we

Rovito, Sean
2007

Journal

Finca El Volcán, Depto. Alta Verapaz, Guatemala (cont.)

Aug. 18 ...got 5 B. rufescens. I also got 2 Ormantodes in the bananas. After lunch, we walked on the footpath toward the nearby community and stopped to search in a cardomon plantation for about 30 min. In 1978, Jed and Bob Sisk had found many B. dofleini here, but the cardomon had been cut back and the leaves put in piles. The rest of the ground was cleared, and all of the salamanders were found under the piles of leaves. The fields now appear to be mostly abandoned - we were told that the price of cardomon had dropped, and most fincas were no longer growing it. There were no piles of cut leaves as we searched in leaf litter for ~30 min without success. Jed then got our 2 guides to talk to some locals along the path, and one man agreed to look for salamanders, and to tell other people to do the same. They seem to know B. dofleini - the word for salamander in Kekchi is al'al. They also seem very familiar with Nyctanolis, which they said lives in rotten logs up on the higher mountain in the good forest. We prepped animals until dinner, and someone brought us 2 A. mixteti. We searched around the finca house from 20:20-21:40. It was quite dry, since it didn't rain today. I found a B. odonnelli on a small tree in front of the house, and we found some Smilisca in a cistern but couldn't reach them.

Rovito, Sean
2007

Journal

Finca El Volcán, Senahú, Depto. Alta Verapaz, Guatemala

Aug. 19 We drove up to the cornfields above the finca with our 2 guides from yesterday, Marcelino and Arnoldo, plus the local school teacher, Oscar. We hiked past the cornfield through some secondary forest to a beautiful area of primary forest with huge trees. We opened lots of logs, starting at 09:30, but found nothing. There were no bromeliads to open in most of the areas we passed through. At about 11:00, we came to an area with more bromeliads, mostly small but some larger. The first small bromeliad Oscar opened had a Cryptotriton in it! This may be a new species - collected in 70s and provisionally assigned to C. veracrucis, but it is somewhat separated from Purulhá. This was the only salamander we got, although we continued searching in bromeliads and logs until 15:00. I got a snake (Leptodeira?) in a bromeliad, and Carlos got an Eleutherodactylus and a Norops. It rained lightly as we walked back to the car. Most of the forest here has been cut, with only the mountain tops being forested. The area where we were was given to the Universidad del Valle as a reserve. We even saw some cloud forest elements (tree ferns) at the highest point we walked to (~1480m elev.). It didn't rain much at the finca, so we didn't go out to search at night. We prepped specimens and a steady stream of animals were brought in by local people, including a Sibon, an Imantodes, some Lepidophyma, and many, many rufescens (which we stopped bringing).

Raitoj, Sean
2007

Journal

Cobán area, Depto. Alta Verapaz, Guatemala

Aug. 21 Yesterday, some kids brought us a bag with a branch of Smilisca as we were eating breakfast at Finca Nolcan, getting ready to leave. We tissued them, packed, and started to drive away when a boy appeared with a bag containing an adult male and female Bolitoglossa dofleini. He didn't speak Spanish, but someone spoke to him in Kekchi and told us that his mother had found them somewhere near the road through the finca. We were extremely happy - this was the main thing Ted wanted from there, and we almost didn't get it. We drove on a fairly good and new road to Semuc Champey, where we spent about an hour; it was incredibly beautiful. We then drove to San Pedro Carchá and went to the finca of a friend of Carlos, Carlos Alvarado, just outside Carchá. He explained what we were doing and he told us that he frequently sees black salamanders around his finca (Finca Cuxmax) and on the finca where he works (Finca Rosario de Fatima). We searched at night for ~15 min but saw nothing - it was very dry. In the morning, the 3 of us plus Carlos Alvarado and 2 workers searched in a big patch of red bananas on his finca from 07:45-08:15 and found 9 B. rufescens. I was hoping for B. helmrichi, but I think the elevation was too low (1240m). We then went to Finca Rosario de Fatima, where the 5 of us (minus 1 worker) opened bromeliads, searched under cover objects, and raked

Roitto, Sean
2007

Journal

Cobán area, Depto. Alta Verapaz, Guatemala (cont.)

Aug. 21 ...through pine needles near the finca entrance from 08:30-10:00. We got nothing in bromeliads, but Carlos A. found a big adult *Bolitoglossa mulleri* under pine needles—surprising habitat to me. The worker then found 1 more in a grassy area under a tire. Carlos and Carlos found 2 *Nineia sebae* and 1 *N. diademata* inside the same log. Carlos N., Ted and I went back to Finca Cuxmax and searched in a big, open area behind the house where the pine trees had been cut a few years ago. There were tons of great logs, boards and pieces of bark to search in, and we got 3 *B. mulleri*, 3 *B. rufescens* and 2 more *Nineia sebae*, all under cover objects. We had hoped to find the black salamanders (presumably *B. mohana*) here—Carlos N. had found 2 in a log at this spot years ago. We searched here from 10:20-11:20, and then went back to Finca Rosario de Fátima, where the worker had continued searching and had found an *Adelphicos*. We drove to Cobán and then to San Juan Chamelco, heading south out of town to find some forest with bromeliads. We took a right turn after climbing to ~1700m. All of the forest was secondary and rather dry. We opened 2 of the very few bromeliads we could find, and 1 big bromeliad near the village of Satexa had 2 *B. helmrichi* in it. These were what I needed from here, so we drove back to Cobán and then on to Purulhá, where we spent the night.

Rovito, Sean
2007

Journal

Chilascó, Depto. Baja Verapaz, Guatemala

Aug. 22 We drove to El Salto de Chilascó in the morning and walked on the trail to the falls. The first part goes through crops and scrubby secondary forest but after 2Km it gets into nice primary cloud forest. We walked down to the first viewpoint for the falls and opened some bromeliads on the way, but most of them were extremely high in the big trees. We went back to the secondary forest and opened all the bromeliads we could see. Carlos finally got a huge female B. hemrichi in a big bromeliad. We searched from 10:30-14:30 in all. I also got a M. moreleti under a log and 2 Silvan in bromeliads. We then drove to the town of Chilascó and asked where people had recently cut wood, hoping to find a spot to look for B. meliana. We found a local man who took us to Finca Florsta, where they had recently cut wood. The manager, Oscar Baides (sp?), was very nice and gave us permission to work anywhere on the finca, but it turned out that the areas with lots of downed wood were ~1.5 hrs away by foot. We searched in some logs on the edge of the road from ~16:45-17:45 with the local man. Carlos got a M. moreleti and I got a B. hemrichi in a big rotten log. We spent the rest of the evening preparing specimens.

Kaito, Sean
2007

Journal

Chilascó area, Depto. Baja Verapaz, Guatemala

Aug. 23 We wanted to try for B. melina once more, so we returned to Chilascó. We went past the town, past Foresta, and went through a gate and some land belonging to Agroindústrias Chilascó, a leather fern producer. Most of the forest here has been cut down for fern production. We went left at the gate and parked at a small dam on the edge of some very nice liquidamber-oak forest with many big bromeliads and some good stumps. We searched from 11:20 - 13:20, focusing mostly on bromeliads, and I got one B. helmrichii. We wanted to get back to Guatemala City by about 5PM, so we left and drove back. The bromeliads were very full of water from a heavy rain yesterday, so it seemed like it might not be very productive to stay. On the road back, we caught a big Corythophanes percarinatus on the side of CA-9 at Km 133.

San Joaquin, Copan, Depto. Copan, Honduras

Aug. 26 Yesterday, Ted and I left Guatemala City and drove to Copan, Honduras. It rained hard around 5PM, so we drove the road back to the border looking for frogs at night. We found Bufo, Smilisca, Physalaemus and heard several other species. Today, we went east out of town to San Antonio, then turned N on a dirt road to El Paraíso and stopped in Aldea Buena Vista. We tried to get some locals to look for B. dolleni, since they seemed to know it, and one man said he would look. We got another man, Reinaldo, to guide us to Aldea San [redacted] Joaquin, up a rough dirt road ~30 min away.

Roitto, Sean
2007

Journal

San Joaquin, Copan, Depto. Copan, Honduras (cont.)

Aug. 26 We were trying to reach a B. conanti locality at Quebrada Grande, which turned out to be a 2hr horse ride from San Joaquin. Instead of going there, the 3 of us and a local man, Julian, went up to the municipal forest just above town. Although most of the forest is secondary, it is fairly nice, and a number of big, original trees still remain. We opened bromeliads and a few logs from 12:00-15:00. Sometime around 13:30, Reinaldo left us and went down for lunch. Each of us got a B. conanti in a bromeliad between ~14:00-14:30, all in a small area with abundant bromeliads. Julian says there is another nice forest at the same elevation (~1600m) an hour's walk from Las Margheritas, somewhere in the area. On the drive back to Buena Vista, we we stopped by a man and a bunch of kids, who had heard we wanted salamanders and brought us 6 B. rufescens; word travels fast here. The man who had gone to search in Buena Vista hadn't returned yet, so we decided to come back on Tuesday morning. We drove back to Copan Ruinas and spent the evening preparing specimens.

Roito, Sean
2007

Journal

Copán Ruinas to Reserva Biológica Cuisayote, Depto. Copán and Ocotepeque, Honduras

Aug. 28 We left Copán Ruinas in the morning and drove back to Buena Vista. Rolando Gutiérrez (I had his name wrong before) was there waiting for us with 13 *B. rufescens*, a *B. mexicana*, and 2 *B. dofleini* (one a small juvenile) that someone from the village had collected. We then drove to Santa Rosa de Copán and on towards Nuevo Ocotepeque. We turned off to the south on a dirt road from the high point on the highway into the Reserva Biológica Cuisayote. There were nice big trees but no bromeliads in most places. We found an area of very nice cloud forest with big, old oak trees with tons of good bromeliads and tree ferns ~0.5km from the highway. We opened bromeliads here from 14:10-16:10 but found nothing (14.45948°N, 89.06625°W [WGS84, 10m acc.], 2180m elev.). We were looking for *B. conanti*, but may have been slightly too high. We then drove further on the road and up to a communication tower at nearly 2300m elev. There were no big bromeliads here, but I found an adult *Mesaspis*. While we were opening bromeliads at the first spot, we left the salamanders in the car, since it was cloudy and cool. The sun came out and they all died and dropped their tails - a disaster. We drove back to Santa Rosa de Copán, where some sort of festival was going on and every single hotel was full, so we continued to La Entrada. We stayed in the Hotel San Carlos, where I fixed all the specimens.

Arto, Sean
2007

Journal

Parque Nacional Cusuco, Depto. Cortes, Honduras

Aug. 29 We drove from La Entrada to Cofradia and then took a good dirt road north to the small town of Buenos Aires. We left our stuff at an albergue run by the community, got 2 guides and drove up to the parking area of PN Cusuco. We walked just beyond the parking area and started searching in bromeliads in a pine and hardwood forest. There were tons of great bromeliads, but I got only 1 B. conanti between 15:30 and 17:30. Jed found a small green viper in a bromeliad. We went back to town and I decided to search a little at night. I walked down a steep vegetated slope below the albergue and found a small creek flowing through a small patch of nice forest. In ~30 min of searching, I found a subadult B. dofleini, a B. rufescens, and 2 Duellmanohyla soralia, all on vegetation along the stream. I would have searched for longer, but I forgot to bring bags and my hands were full. I found a big Craugastor in a cafetal on the way up.

Aug. 30 Jed, a guide (Misael (sp?)) and I searched in leaf litter in cafetales around the albergue from 07:00-08:00, hoping for more B. dofleini, but found nothing. We got another guide, Jesús, and drove to ~1 Km from the national park parking lot. We opened some spectacular bromeliads at this site (15.49832°N, 88.20275°W [WGS84, 32m acc.], 1446 m elev.) in nice forest but found no salamanders. Misael found a Norops on the ground. We drove up to the national park parking lot, walked past

worked here 08:45-10:20

Witt, Sean
2007

Journal

Parque Nacional Cusuco, Depto. Cortés, Honduras (cont.)

Aug. 30 ... the visitors center to an area of forest with tons of bromeliads, and opened them from 10:40–11:40. We didn't get any salamanders, but our guides found a green colubrid and a Scelaporus in the general area of the visitors center. We drove down to Buenos Aires and met Carlos Alvarenga, the park manager, on the way down. He had collected a Crangastor for us near town. We packed our stuff and drove away from the albergue, but slid partway off the road on the way up. We discovered that the 4WD didn't work at all and the tires are nearly bald – so much for Quetzal Rent-a-Car. A bunch of people came to help us and we got out after ~1hr with the help of another pickup truck. One of the guides had a daughter with hemmhorragic dengue fever, and we gave him a ride to Cofradía before driving to the San Pedro Sula airport, where we rented an SUV with 4WD that (presumably) actually works. We continued on to Tela, where we spent the night at the Hotel Vista Maya.

Punta Izopo area, Tela, Depto. Atlántida, Honduras

Aug. 31 At Ted's insistence, we spent the day trapping turtles. After a morning of kayaking in unsuitable brackish water, we hired a boat that took us to a lagoon W of the Río Lean. We put 8 traps in at 16:00 and took them out at 17:15; got 1 juvenile Trachemys. Ed also found a dead Kinosternon on the beach at the end of the lagoon near the ocean.

Porto, Sean
2007

Journal

Sierra de Omoa, W of San Pedro Sula, Depto. Cortés, Honduras

Sept. 1 We left Tela in the morning and drove to San Pedro Sula, where we got a room at the Microtel. We then drove south out of town to the Hospital Comesa, and then turned W, went past the Aparl Hotel Cordillera and up into the mountains on a good dirt road. We stopped at 1270m, opened ~6 bromeliads and got a B. rufescens. We continued on to ~1470m, 12.7 Km from the hospital, and opened a bunch of great bromeliads along the road for about 1.5 hrs. Ted shook out a huge B. dunni - the first other of us had ever seen. The forest here looked pretty good, and bromeliads were abundant. I found 2 juvenile B. conanti in bromeliads. We continued 0.5 Km up the road and opened a lot more bromeliads, but got only 1 more B. dunni. In all, we worked until 18:00 and opened ~100 bromeliads; I was disappointed not to get a Cryptotriton. There were tadpoles in many bromeliads, not sure what species. It looked like rain but a storm never actually came, so it was quite dry at night. We searched in the forest at the last stop we made for ~30 min, but found nothing.

Sierra de Omoa and PN Cusuco, Depto. Cortés, Honduras

Sept. 2 We drove back up into the mountains to the last spot where we worked yesterday. We worked in bromeliads here and at a nearby spot further up the road from 10:30-13:00 and got 2 juvenile Bolitoglossa. The bromeliads are much wetter than yesterday, since it appeared to have rained at night.

rito, Sean
2007

Journal

Sierra de Omoa and PN Cusuco, Dept. Cortés, Honduras (cont.)

Sept. 2 ... We left and drove back to Buenos Aires. Misael, Jesús and Wilmer told us they had each searched for 3 days for salamanders. Misael got 10 B. rufescens (we later lost 3) and 1 N. salvae, Jesús got 5 B. rufescens, and Wilmer got 2 adult female and 1 subadult B. dofleini and a Ephemorphus from somewhere below the town. We had to wait until 18:00 to go to the park since they had a meeting, Ted, Misael, Jesús, Jesús' 11 yr. old son Delmar and I went up to the visitors center in Cusuco and started searching with lights at night near the visitors' center. I found a B. diaphora, a juvenile Bolitoglossa and an adult B. conanti out on vegetation; it had rained and conditions were perfect for salamanders. We searched from 19:00-21:00 and then made dinner. Jesús and I went back out after dinner in the area where we worked on 8/29/07 and I got 2 B. diaphora while he found a B. conanti, all on vegetation. We searched ~22:30-23:30, at which point Jesús went to sleep. I continued to search along the Sendero del Quetzal until 01:00 and got 2 more B. diaphora on vegetation. This was the only time I heard many frogs - at least 2 species, apparently in the trees rather than along the stream. We had hoped to find a Gymnobatrachus, but it didn't happen. We slept on mats in the visitors' center.

Foster, Sean
2007

Journal

PN Cusuco, Depto. Cortés, Honduras

Sept. 3 We woke up and saw 4 quetzals, including a male, next to the visitors center in the pine forest - fabulous! We searched in bromeliads in the pine forest in a final effort to get a Cryptobrites, but only got 1 B. conanti in about 1.5 hrs of searching. We drove down to San Pedro Sula, returned the rented Montero for the 4WD less Pathfinder at the airport, and drove to Tegucigalpa, where we are supposed to give talks tomorrow at the Universidad El Zamorano. There was some confusion over our room reservations at the university, and we drove back to Tegucigalpa to spend the night.

Lago de Yojoa, Depto. Santa Barbara, Honduras

Sept. 4 Hurricane Felix, a category 5 hurricane, hit Nicaragua last night and is headed directly for Tegucigalpa, so our talks were cancelled. We briefly met with Franklin Castañeda to get our export permit and then drove in a heavy rain to the Lago de Yojoa. We drove to Peña Blanca and then south to the D&D Brewery, recommended to us by Larry Wilson. The owner, Bob, was very friendly and got us permission to look on a nearby cardamom + flower finca, Compañía Agricola Paradise. We searched from 20:30 - 21:30 and I got a big female B. mexicana on an epiphyte leaf in a palm tree and a Smilisca baudinii. We drove around + heard and saw tons more Smilisca and a small hylid on the road. We searched on the D&D brewery grounds for ~30 min and I got a Ninia diademata.

Pavito, Sean
2007

Journal

Ocotepeque, Depto. Ocotepeque, Honduras

Sept. 5 We talked to Bob more this morning and he told us about a reptile with 2 legs, stubby toes and a tongue that it flicks out, which he occasionally sees on his property. His description almost exactly matches Bipes. I would dismiss it, but Carlos Alvarenga at PN Cusuco told me the same story. Bob promised to save us one if he found any. We drove back to the high point on the road from Santa Rosa de Copan to Nueva Ocotepeque. Scouted out sites, then the worthless Pathfinder got stuck on a tiny hill on a slick gravel/dirt road. Some very helpful people from the town there (El Portillo) helped us get it out in the rain and cold; it took 2 hrs and 2 pickup trucks. We had dinner in Nueva Ocotepeque and got a hotel room. Went back up to the pass and searched from 21:00-23:15 along the road through the Reserva Biológica Guisayote. I got an adult female Norops sleeping on vegetation. We had planned to drive along this road to some better forest, but didn't want to risk it in our car. We weren't in very good habitat and didn't see any salamanders - very disappointing. It was very rainy, cold and miserable. We got a Rana on the road back to town.

Kristo, Sean
2007

Journal

El Progreso to Guatemala City, Guatemala

Sept. 6-8 On Sept. 6, we spent 2 hrs north of El Rancho looking for Ctenosaura, to no avail. Hard to find good cacti in accessible areas that aren't overgrown. We drove back to Guatemala City and dropped most of our remaining Honduran animals. On Sept. 7, we met with Sergio and Carlos at MUSHNAT to discuss future collaboration. They are very interested, and I think we should plan a joint MVZ-MUSHNAT expedition. We packed and stayed in Antigua for the night to relax. Flew back to San Francisco on Sept. 8.

ovito, Sean
2007

Journal

On trail from Tres Colinas to Cerro Kamuk, Parque Internacional La Amistad, Prov. Puntarenas, Costa Rica

Dec. 16 I arrived in Costa Rica on Dec. 13 to help a Costa Rican grad student at UCR, Guillermo Artavia, with a trip he planned to Cerro Kamuk, the highest point between Cerro Chiriquí and Cerro Fabrega (Panama) in the cordillera de Talamanca. Another student, Guido , and the herp collection manager at the UCR museum, Caché (Gerardo Chavez) are coming as well. We left on Dec. 15 and drove south. We stopped on the south side of Cerro de la Muerte and turned stones in a short forest on the side of the road, where we quickly found 4 *Bolitoglossa pesrubra*. We drove on to Tres Colinas, a small town of 10 people 28 km off the road to San Vito, and stayed in the albergue (very nice) run by the Solano family. Hugo Solano will be our guide. We started this morning at 07:00 and hiked ~1 hr uphill through scrub before reaching a beautiful forest of big oaks and bamboo (*Chusquea* sp.). We passed through a nice area with lots of downed wood but didn't stop until we got to the top of a 2nd uphill section, at "Cerro Plátano". We raked through leaf litter and looked under logs and bark for ~30 min; I saw a single *Norops*. We continued through an area of secondary scrubby forest, where we caught a juvenile *Cerrophidion* (9.15471° N, 83.06492° W [WGS84, 9 m acc.], 2299 m elev. We then reentered beautiful primary forest. I

Savitz, Dean
2007

Journal

On trail Tres Colinas - Cerro Kamuk, Parque Internacional La Amistad, Prov. Puntarenas, Costa Rica (cont.)

Dec. 16 ... stopped to cut down some nice-looking bromeliads that were ~2m off the ground. In the 4th one I opened, I found 2 dark colored adult Bolitoglossa. They are a dark brown color with some lighter brown in small patches, a few white marks, venters and mostly unwebbed feet like those of B. rostrata. One was missing its tail and was somewhat more robust, while the other had a long tail and was somewhat thinner. The others returned and we opened 10-12 bromeliads total. Cachi found another salamander, and we found 2 Oreogaster podiciferus in the leaf litter (9.15730°N, 83.06531°W [WG584, 18m acc.], 2387m elev.). Cachi couldn't identify the salamanders and said it may be a new species. We continued hiking up a big hill to "Gracias a Dios", then down and up again over Cerro Beka, down once again through mossy oak forest and lots of bamboo, and finally up to campamento 1. We had to pass some nice bromeliads in order to arrive at camp before dark, and didn't really sample more. After dinner, I searched in the forest along a stream for 1.5-2 hrs, but found nothing despite the fact that it was raining and there were many broad leaved plants and lots of good mossy branches.

rito, Sean
2007

Journal

Camp 1 to Camp 2, trail to Cerro Kamuk, Parque Internacional, Prov. Puntarenas, Costa Rica

Dec. 17 It started raining as we left camp this morning around 08:00. We hiked about an hour uphill from Camp 1 and arrived in an apparently isolated patch of paramo on Cerro Kamuk. There were lots of ferns, some bromeliads and many kinds of moss covering everything. We spent ~1 hr searching in moss, and I opened 5 bromeliads. Cachi found a brown Bolitoglossa under a clump of moss (9.19663°N, 83.05569°W [WGS84, 9m acc.], 2930m elev.). It had a dark center with some lighter blotches, and he said it looked like B. robinsoni and a Bolitoglossa from Cerro Fabrega in Panamá. We dropped back down into oak forest and then through a burned area, up through more forest and over the top of Cerro Nai (3080m elev.), where the vegetation had burned some time ago. We hiked down a steep slope through mossy oak forest and Chusquea to a flat area (~1 hr hike) where we stayed at Camp 2 ("La Jelaria"). Unfortunately, the camp is surrounded by a bamboo thicket that doesn't seem like good amphibian habitat. We searched from 20:00–21:00 and I continued until 21:45, but we heard only 2-3 frogs and saw nothing. I saw tons of tapir prints today, and we saw some old jaguar scat. It cleared up around 13:00, but then became drizzly or misty again and stayed that way.

Kurto, Sean
2007

Journal

Camp 2 to Camp 3, trail to Cerro Kamuk, Parque Internacional La Amistad, Prov. Puntarenas - Limón, Costa Rica

Dec. 18 We left camp 2 around 08:00 and climbed up through nice mossy oak forest to the top of Cerro Dudu, which I think is on the Talamancan crest. The habitat there consisted of páramo with tons of moss and ferns, some Clusia trees, and some bunchgrass. Guillermo and I opened about 30 bromeliads in a little over an hour but found only one Mesoaspis monticola. Caché focused on moss and found nothing, as did Isidro Hugo (our guide) found an Isthmohyla picadoi and some tadpoles in bromeliads (9.24276°N, 83.07140°W [WGS84, 7m acc.], 2963m elev.). This area seemed great for salamanders and I was surprised that we didn't find any. We continued on to a small area of very mossy forest and searched in moss and a few bromeliads for ~30 min but found nothing. We then climbed out of the forest and stayed in páramo for the rest of the day, aside from some stands of short Clusia trees. I opened a bromeliad from one of these trees and found a black salamander with golden flecks on its sides and venter, of about the same size as the first salamanders we got on the trip, although less robust (9.25450°N, 83.05912°W [WGS84, 7m acc.], 3089m elev.). Caché found another one nearby in moss. I looked in a big patch of moss in the same area and found a small orange-brown Bolitoglossa, which Caché says looks like the ones from Cerro Fabrega. We searched for ~20 minutes in moss but found nothing more. The final ascent to our camp passed into a zone of drier bamboo páramo that doesn't look as good for salamanders. It was cold and very windy at night, so we didn't search.

arto, Sean
2007

Journal

Cerro Kamuk, Parque Internacional La Amistad, Prov. Limon, Costa Rica

Dec. 19 Last night was incredibly windy - the pole holding up the plastic sheet over our tents blew over and crashed into my tent. This morning we left our packs and hiked to the summit of Cerro Kamuk. The vegetation along the way and at the top is páramo, but without ferns and with Chusquea and a composite that grows into short trees. We had a view of the Caribbean from the summit. We searched under rocks and in some good-looking moss for ~30 min but found nothing (9.27075°N, 83.03237°W [WGS84, 6m acc.], 3556 m elev.). We sampled some good moss on the way down but didn't find anything aside from a juvenile Mesaspis. The salamanders here don't seem to be very abundant, although they may just be hard to find. We had a good lunch at camp 3 (9.26256°N, 83.04550°W [WGS84, 7m acc.], 3324 m elev.) and then hiked back to camp 2. We searched in more moss for ~10 min and opened about 15 bromeliads along the way, with no luck. The day was mostly sunny with some clouds but no rain.

Camp 2 to Camp 1, P.I. La Amistad, Prov. Puntarenas, Costa Rica

Dec. 20 We got a somewhat late start today; everyone was tired. We hiked from Camp 2 about halfway up Cerro Mai and searched for ~1 hr in a very mossy area with a few bromeliads, but found nothing. We hiked to the top of Cerro Mai and searched as we went down. We stopped at the páramo on Cerro Kasir and searched in moss and bromeliads for 1 hr but found only a picador. I searched from 19:30 - 21:00 along the stream at camp 1 with fairly humid conditions, but saw nothing and heard only a single Craugastor picadoi call once.

Boito, Sean
2007

Journal

Camp 1 to La Laguna Seca, Parque Internacional La Amistad, Prov. Puntarenas, Costa Rica

Dec. 21 We hiked back toward La Laguna Seca, between Cerro Bekon and Gracias a Dios. On the way to Cerro Bekon, we searched from 09:30–14:00 in bromeliads, leaf litter and logs in oak forest with Chusquea. I made a special effort with bromeliads, and we opened a lot but found absolutely nothing. Many were rather wet but some seemed good and most had abundant insect life. We went from La Laguna Seca down a side trail to a house that had been built along a stream in a big cleared area. It rained hard in the afternoon, so we stayed in and listened to Cachi tell off-color stories for about 3 hours – amusing. After dinner, Cachi, Guido and I walked up the trail back into the forest and searched from 22:15–23:00 with lights along the trail. We saw nothing but heard many Isthmohyla picadoi calling from up in the trees. This elevation doesn't exactly seem to be a hotspot of herp diversity. We spent a comfortable night in the house, not caring about the weather for a change.

La Laguna Seca to Tres Colinas, P.I. La Amistad, Prov. Puntarenas, Costa Rica

Dec. 22 We walked up to La Laguna Seca and searched for ~45 min in good moss and leaf litter among big oak trees and Chusquea but found nothing. We hiked over Gracias a Dios and started looking in bromeliads as we went down. Our luck improved dramatically below 2600m. We found an Isthmohyla picadoi in a bromeliad a 2 Norops pachypus on the ground and under a log

Witt, Sean
2007

Journal

La Laguna Seca to Tres Colinas, P.I. La Amistad, Prov. Puntarenas, Costa Rica

Dec. 22 (cont)... (9.16394°N, 83.03286°W [WGS84, 20m acc.], 2550m elev.). We opened 9 bromeliads at this site. We continued on to the base of Cerro Pelon, where we opened 22 bromeliads; someone found a *Norops pachypus* on the ground (I think). On the top of Cerro Pelon, we opened 5 bromeliads and found an adult and a juvenile *B. picadoi* (9.16374°N, 83.03416°W [WGS84, 10m acc.], 2525m elev.) and a *Norops pachypus* (not collected) in a short secondary forest (I think this area was burned in the past). Coming down from Cerro Pelon, I opened about 10 bromeliads and found a *Bolitoglossa* sp. of the same species that I got on Dec. 16 lower down - it has no white spots on the venter. I now agree with Cachi that there are 2 species in our sample from this area. One has white spots under its tail and on the posterior part of the venter and is more robust, while the other has only tiny dots of light color (no white spots) on a dark venter, a narrower head and is thinner. We opened 33 bromeliads total in this area. We continued on to an area with many bromeliads, mostly on the ground, and opened 67 of them. I found a beautiful *Bolitoglossa* with a broad yellow dorsal band (9.16092°N, 83.06531°W [WGS84, 17m acc.], 2450m elev.) in a bromeliad on the ground. It has white spots on the venter and, except for the stripe, looks like the other salamanders with the white spots. All of the salamanders we are getting have similar feet, so it is hard for me to tell which are different species when their coloration seems to be so variable. In any case, the

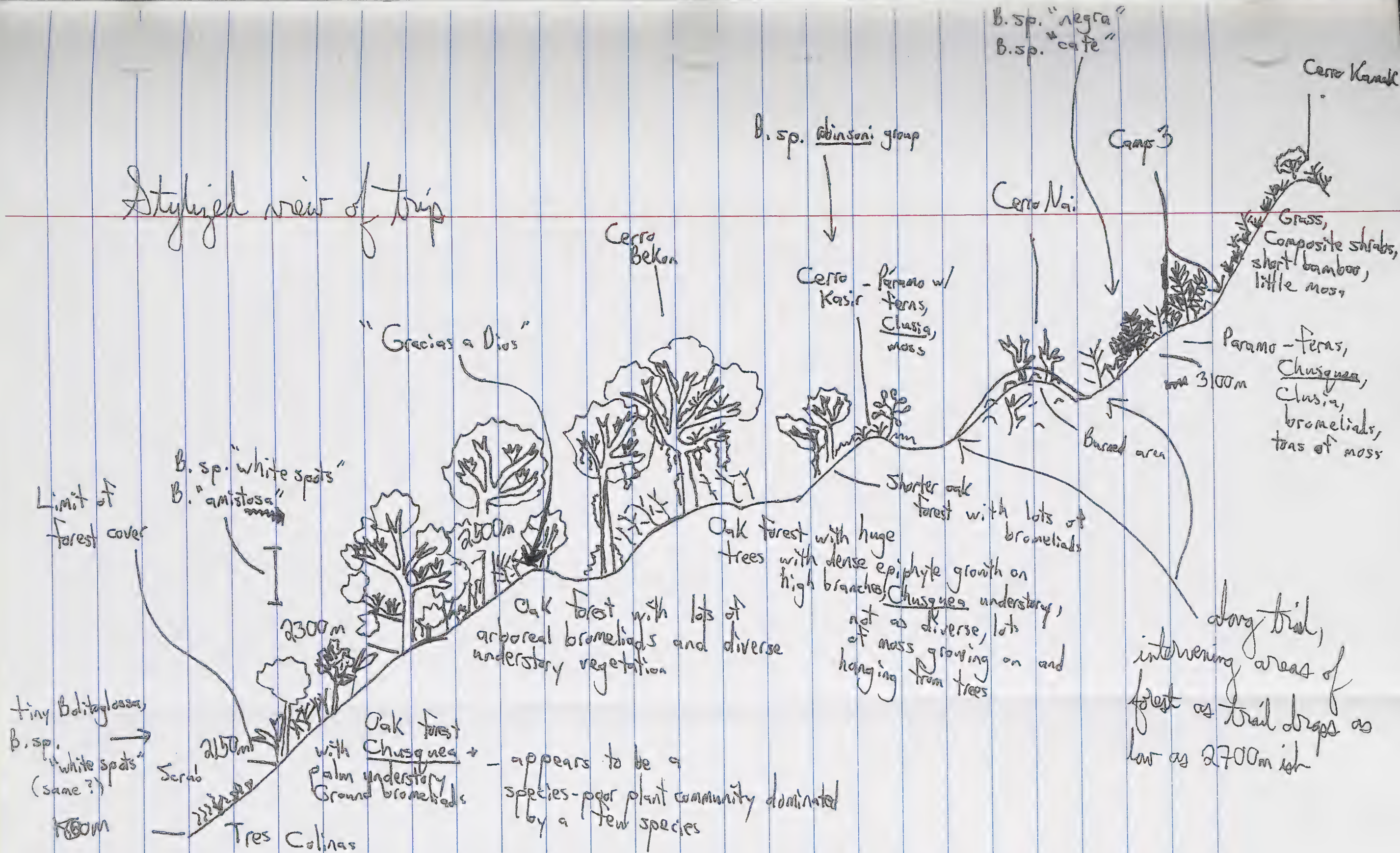
Rorto, Sean
2007

Journal

La Laguna Seca to Tres Colinas, P.I. La Amistad, Prov. Puntarenas, Costa Rica (cont)

Dec. 22 ... diversity of this area seems to be higher than above Fracias a Dios, not just for herps but also for invertebrates in bromeliads and plants. There is more of an understory here of small trees and shrubs, along with some Chusquea, and many more bromeliads. From this point, we walked further down and the forest changed to just oak trees, Chusquea and small palms - it didn't look very good for salamanders and we had already searched unsuccessfully in the leaf litter here on Dec. 16. Near the edge of the primary forest, we came to an area of forest with tons of bromeliads on the ground and a few very low in small trees. We opened 34 bromeliads here. Hugo found a tiny Bolitoglossa with a brown dorsum and a grey unspotted venter; it may be a juvenile of another species. He and Guido each got a big adult of the species with white spots on the venter (9.39113°N, 83.06758°W [WGS84, 13m acc.], 2165m elev.), I am surprised that we haven't found anything under logs today - seems like some salamander should be there. We walked out of the forest and back to Tres Colinas. After a dinner of trout and mora wine, Cachi and I prepared all the specimens. We finished at midnight, so I didn't go out into the forest to search. I think we had a very successful trip overall

Stylized view of trip



Sean M. Rovito

2008

Catalogue #496-735

USA: California: Kern, Madera, Mariposa

Guatemala: Alta Verapaz, Chiquimula, El Progreso, Izabal, Jalapa, Zacapa

Honduras: Atlantida, Comayagua, Cortes, Islas de la Bahia, Ocotepeque, Santa Barbara

Mexico: Chiapas, Oaxaca

Ruiz, Sean
2008

Catalogue

Dam above Aldea Panaluya, north of Río Hondo, Depto. Zacapa, Guatemala

Jan. 2 15.06593°N, 89.60213°W [WGS84, 13m acc.], 283m acc.
SMR496 *Phyllodactylus tuberculosus* liver - FF 1/5/08
CRVA1450 " " liver - EtOH FF 1/5/08

~8Km (by road) from La Fromentina on road to Finca La Bendición, Depto. Zacapa, Guatemala

Jan. 3 14.94185°N, 89.43341°W [WGS84, 14m acc.], 1262m elev.
CRVA1451 *Bolitoglossa rufescens* juv. EtOH - whole animal

9.2Km (by road) from La Fromentina on road to Finca La Bendición, Depto. Zacapa, Guatemala

Jan. 3 CRVA1452 *Bolitoglossa conanti* adult liver - EtOH FF 1/6/08
14.93823°N, 89.43479°W [WGS84, 9m acc], 1307m elev.

Volcán Quetzaltepeque, 13.6Km (by road) from center of town of Quetzaltepeque, Depto. Chiquimula, Guatemala

Jan. 3 14.64199°N, 89.37940°W [WGS84, 5m acc.], 1758m elev.
CRVA1453 *Scelaporus* adult liver - FF EtOH 1/5/08

Volcán Quetzaltepeque, 13.3Km (by road) from center of town of Quetzaltepeque, Depto. Chiquimula, Guatemala

Jan. 3 14.64097°N, 89.37937°W [WGS84, 6m elev.], 1727m elev.
CRVA1454 *Bolitoglossa heiroreias* adult male liver - FF EtOH 1/6/08
SMR497 " " juvenile liver - FF 1/6/08

Savitz, Sean
2008

Catalogue

Road from Finca Firmeza to Cerro Negro Norte, 2 Km S (by air) of house at Finca Firmeza, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 4 CRVA 1455 *Bolitoglossa rufescens* adult liver-EtOH 1/6/08
CRVA 1456 *Ameiva undulata* adult
15.36239°N, 88.68823°W [WGS84, 6m acc.], 1124m elev.

2.25Km S (by air) of house
15.3[redacted]°N, 88.68[redacted]°W [WGS84, [redacted]m acc.], [redacted]m elev.
SMR498 *B. rufescens* liver-FF 1/6/08

2.9Km SE (by air) of house
15.35593°N, 88.68247°W [WGS84, 6m acc.], 1260m elev.
SMR499 hylid gut. EtOH-whole animal 1/5/08

Road from Finca Firmeza to Cerro Negro Norte, 2.9 Km SE (by air) of house at Finca Firmeza, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 5 15.35625°N, 88.68266°W [WGS84, 6m acc.], 1260m elev.
CRVA1457 *Bolitoglossa dunni* adult male liver-EtOH FF 1/6/08
CRVA1458 *B. rufescens* adult liver-EtOH 1/6/08
CRVA1459 *Bromeliohyla bromeliacia* liver-FF EtOH 1/6/08

Creek below finca house at Finca Firmeza, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 5 15.35074°N, 88.69294°W [WGS84, 10m acc.], 850m elev.
SMR500 *Bolitoglossa dofleini* male liver-FF 1/6/08
CRVA1460 " " liver-FF EtOH 1/6/08
SMR501 *Plectrohyla matudai* adult liver-FF 1/6/08
CRVA1461 " " adult female liver-EtOH 1/6/08

Rivito, Sean
2008

Catalogue

Creek below finca house at Finca Firmeza, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 5 15.38074°N, 88.69294°W [WGS84, 10m acc.], 850m elev.

CRVA 1462 *Duellmanohyla soralia* adult male liver-EtOH 1/6/08
SMR502 *Ptychohyla hypomykter* adult female liver-FF 1/6/08
SMR503 *Tlalocohyla picta* adult female " "

Jan. 6 SMR504 *Duellmanohyla soralia* adult liver-FF 1/6/08
CRVA1463 *Craugastor* adult liver-FF EtOH 1/6/08

Sierra de Omoa, 13.7 Km (by road) from Hospital Omoa, W of San Pedro Sula, Depto. Cortes, Honduras

Jan. 7 15.50400°N, 88.10877°W [WGS84, 9m acc.], 1536m elev.

SMR505 *Cryptotriton nasalis* adult liver-EtOH FF 1/7/08
SMR506 *Bolitoglossa dunni* adult female " "
SMR507 " " juvenile liver-FF 1/7/08
SMR508 *Bolitoglossa conanti* juvenile " "

Montanuela, 3.3 Km (by road) S of CA-5 at El Carrizal, Depto. Comayagua, Honduras

Jan. 8 14.65686°N, 87.92936°W [WGS84, 16m acc.], 891m elev.

SMR509 *Ollmantodes cerchroa* adult female liver-FF 1/8/08
SMR510 *Nimia sebae* adult liver-FF 1/10/08

Kouto, Sean
2008

Catalogue

ca. 2Km W (by air) of San Jose de los Andes, Montaña Santa Barbara, Parque Nacional Santa Barbara, Depto. Santa Barbara, Honduras

Jan. 9 14.90983°N, 88.10282°W [WGS84, 11m acc.], 2012 m elev.

SMR511 Dendrotriton sanctibarbarus adult male liver-FF 1/10/08
SMR512 " " adult male liver-FF 1/10/08
SMR513 " " adult male "
SMR514 " " adult male liver-FF 1/10/08
SMR515 " " adult [redacted] male " "
SMR516 " " adult male " "
SMR517 " " subadult " "
SMR518 " " juvenile 95% EtOH [redacted] - whole animal 1/9/08
SMR519 " " juvenile FF - whole animal 1/9/08

ca. 3Km by air S of San Luis Los Planes, Montaña de Santa Barbara, Depto. Santa Barbara, Honduras

Jan. 10 14.95228°N, 88.12808°W [WGS84, 18m acc.], 1705m elev.

SMR520 D. sanctibarbarus adult liver-FF 1/11/08
SMR521 " " liver-FF 1/10/08

1750m elev. (same GPS point)

SMR522 Nototriton limnospectator adult liver-FF EtOH 1/11/08

14.95665°N, 88.12833°W [WGS84, 24m acc.], 1655m elev.

SMR523 Gaugaster laticaps adult liver-FF 1/11/08

Rovito, Sean
2008

Catalogue

Lawson Rock housing development, 6.6Km E (by road) of West End, Roatan, Depto. Islas de la Bahía, Honduras

Jan. 12 16.33841°N, 86.55511°W [WGS84, 9m acc.], 32m elev.

SMR524	*Anolis allisoni*	adult male	liver-FF	1/14/08
SMR525	*Basiliscus vittatus*	juvenile	liver-FF	1/14/08
SMR527	*Phyllodactylus palmarus*	adult	liver-FF EtOH	1/14/08
SMR528	" "	adult	liver-FF	1/14/08
SMR529	" "	adult	"	"
SMR530	*Sphaerodactylus rosaurae*	adult	"	"
SMR526	*Hemidactylus frenatus*	adult	"	"

Hoffire's Hideaway Hotel, 7.9Km E (by road) of West End, Roatan, Depto. Islas de la Bahía, Honduras

Jan. 12 16.34579°N, 86.54340°W [WGS84, 9m acc.], 10m elev.

SMR531	*Iretanorhinus nigroluteus*	adult female	liver-FF	1/14/08
SMR532	" "	"		"

CURLA campus W of La Ceiba, 1.2Km SE (by air) of main guard station, Depto. Atlántida, Honduras

Jan. 13 15.72910°N, 86.84911°W [WGS84, 7m acc.], 60m elev.

SMR533	*Bolitoglossa mexicana*	adult	liver-FF EtOH	1/14/08
SMR534	*Smilisca baudinii*	adult	liver-FF	1/14/08
SMR535	*Anantodes cancrosa*	juvenile	"	"

7.3Km N (by road) of Belen Gualcho on road to Corquín, Depto. Ocotepeque, Honduras

Jan. 14 14.51752°N, 88.81248°W [WGS84, 12m acc.], 1649m elev.

SMR536	*Bolitoglossa conanti*	juvenile	liver-FF EtOH	1/14/08

Kurto, Sean
2008

Catalogue

6.2 Km N (by road) of Belen Gualcho on road to Corquín,
Depto. Ocotepeque, Honduras
Jan. 14 14.51383°N, 88.80500°W [WGS84, 13m acc.], 1809m elev.
SMR537 *Bromeliohyla bromeliacia* adult liver - FF 1/14/08

Cerro Nuncorente, 1.3 Km S (by road) of Rt. 124, then 20.4 Km
NW (by road) of CA-4 at Lucerna, Depto. Ocotepeque, Honduras
Jan. 14 14.63481°N, 89.02798°W [WGS84, 6m acc.], 2014m elev.
SMR538 *Bolitoglossa conanti* juvenile liver - FF EtOH 1/14/08

Reserva Biológica Güisayote, 3.5 Km S (by air) of CA4 at
El Portillo de Ocotepeque, Depto. Ocotepeque, Honduras
Jan. 15 14.43545°N, 89.06249°W [WGS84, 17m acc.], 2156m elev.
SMR539 *Mesaspis moreletii* adult liver - FF 1/15/08
SMR540 *Norops* adult male liver, tail - FF 1/15/08
4.6 Km S (by air) of El Portillo de Ocotepeque
14.42536°N, 89.06039°W [WGS84, 8m acc.], 2100m elev.
SMR541 *Bolitoglossa synoria* adult female liver - FF EtOH 1/15/08

12.8 Km NW (by road) of CA4 on road to Dolores Merendon,
Depto. Ocotepeque, Honduras
Jan. 15 14.51910°N, 89.09392°W [WGS84, 12m acc.], 1830m elev.
SMR542 *B. conanti* juvenile liver - FF EtOH 1/15/08

Roseto, Sean
2008

Catalogue

6.4Km N (by road) of CA4 on road to Fraternidad, Depto. Ocotepeque, Honduras

Jan. 15 14.50363°N, 89.07652°W [WGS84, 8m acc.], 1690m elev.

SMR543 *Rana brownorum* adult male liver-FF 1/15/08
SMR544 " "
SMR545 *Bufo coccifer* adult male liver-FF 1/15/08
SMR546 " "

Finca la Bendición, 4.0 Km SE (by road) of soccer field at junction with road to Pinalito, then 7.6Km E (by road) of La Fraternidad, Depto. Jacapa, Guatemala

Jan. 16 SMR547 *Bolitoglossa rufescens* tail-FF 1/16/08
SMR548 " " - to MUSHNAT tail-EtOH 1/16/08
SMR549 *Bolitoglossa cavanti* juv. tail-FF 1/16/08
SMR550 " " - to MUSHNAT tail-EtOH 1/16/08
SMR551 adult female liver-FF 1/16/08
snake 14.93042°N, 89.41670°W [WGS84, 8m acc.], 1364m elev.

Cenote de Hunalyle
approx. 15.67777°N, 90.31406°W [WGS84], 350m elev.
- from Google Earth

SMR552 *Bolitoglossa* ~~[illegible]~~ mexicana hatchling whole animal - EtOH
SMR553 " " " "
- collected by Carlos Vasquez's assistant, Eric

Rivito, Sean
2008

Catalogue

Hell Hollow at Bagby Recreation Area, Mariposa Co., CA
March 1 37.60752°N, 120.13747°W [WGS84, 7m acc.], 277m elev.
SMR554 *Hydromantes brunus* adult liver - FF 3/20/08
- kept alive for physiology

Slope south of Red Bud picnic area, 4.9mi (by road) E of confluence of South and Middle Forks Merced River, Mariposa Co., CA
March 2 37.66933°N, 119.81823°W [WGS84, 6m acc.], 526m elev.
SMR555 *Batrachoseps diabolicus* FF - liver 3/3/08
- specimen dried out during preservation

About 200m W of Sweetwater Creek bridge, 3.6mi E (by road) of Briceburg, Mariposa Co., CA
March 2 37.63968°N, 119.92706°W [WGS84, 9m acc.], 385m elev.
SMR556 *H. brunus* adult FF - liver 3/20/08
SMR557 " " juvenile FF - liver 3/3/08
- SMR557 dried out in preservation, SMR556 kept alive for physiology

0.6mi (by road) E of Briceburg, Mariposa Co., CA
March 2 37.61127°N, -119.95937°W [WGS84], 365m elev., [6m acc.]
SMR558 *H. brunus* adult FF - liver 3/20/08
SMR559 " " " "
- kept alive for physiology

Kurito, Sean
2008

Catalogue

Tributary of Bear Creek, N of Midpines on Hwy 140, Mariposa Co., CA

March 2 37.58627°N, 119.96510°W [WGS84, 10m acc.], 577m elev.
SMR560 *Hydromantes brunus* subadult FF-liver 3/20/08
- kept alive for physiology
- all animals on 3/1 and 3/2 collected w/ Ricardo Pereira

Democrat River Access to Kern River, 13.0 mi. E (by road)
E of mouth of canyon of lower Kern River, Kern Co., CA

March 10 35.52863°N, 118.66022°W [WGS84, 16m acc.], 567m elev.
SMR561 *Ensatina eschscholtzii croceater* juvenile FF-liver intestine 3/12/08
- collected w/ Craig Moritz, Ricardo Pereira + Sonal Singal

Austin, Sean
2008

Catalogue

Laguna Chamula microwave tower, 2.1 Km (by road) W of MX 190, then 34.9 Km (by road) N of Comitan, Chiapas, Mexico

March 21 16.48581°N, 92.32539°W [WGS84, 8m acc.], 2371m elev.

SMR562 *Hyla walkeri* hylid DNALater - liver 3/23/08

Lagos de Montebello, 0.5 Km from junction at national park entrance on road to Tziscao, Chiapas, Mexico

March 22 16.09941°N, 91.72942°W [WGS84, 9m acc.], 1510m elev.

SMR563 *Bolitoglossa stuarti* adult male DNALater - liver 3/23/08

SMR564 " " " "

SMR565 *Bolitoglossa stuarti* juvenile DNALater - liver, tail 3/23/08

SMR566 " " " "

SMR567 " " " "

SMR568 " " 95% EtOH - whole animal

SMR569 " " " "

SMR570 " " " "

~~SMR571~~

1.7 Km E (by road) of junction at entrance to Parque Nacional Lagos de Montebello, on road to Tziscao, Chiapas, Mexico

March 22 16.10026°N, 91.71827°W [WGS84, 16m acc.], 1548m elev.

SMR572 *Bolitoglossa stuarti* juvenile DNALater - liver, tail 3/23/08

SMR573 " " " "

SMR571 *Sphenomorphus* adult female DNALater - liver 3/23/08
- dead on trail - stepped on (kept on ice)

- all collected w/ TJP

Kirto, Sean
2008

Catalogue

ca. 0.5 Km from Campamento El Triunfo on trail to Finca Prusia, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 25 15.65920°N, 92.80815°W [WGS84, 25m acc.], 2018m elev.

SMR574 *Bolitoglossa franklini nigroflavescens* juvenile

ca. 2Km from Campamento El Triunfo on trail to Finca Prusia, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 25 15.66535°N, 92.80337°W [WGS84, 19m acc.], 2058m elev.

SMR575 *Hendrotriton xolocalcae* juvenile

SMR576 " "

- taken alive to UNAM for parasite work

Stream south of Campamento El Triunfo, ca. [redacted] 150 m from camp, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 24 15.65640°N, 92.80803°W [WGS84, 33m acc.], 1875m elev.

SMR577 *Norops matudai* adult female liver - FF 3/28/08

AMA2478 *Plectrohyla sagrum* adult female " "

AMA2479 " " adult male " "

AMA2480 *Ptychohyla euthysanota* adult " "

- all to MVZ

0.5 Km NE of path from Finca Prusia to Campamento El Triunfo at the limit of the Zona Nucleo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 26 15.67472°N, 92.79661°W [WGS84, 43m acc.], 2011m elev.

SMR580 *P. xolocalcae* juvenile

- all of above collected w/ TJP, Gabriela Parra-Olea, Antonio Muñoz Alonso, Nora Lopez Luna, Juan Carlos Winfield Perez

Rorito, Sean
2008

Catalogue

ca. 200m E of Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 26 15.65719°N, 92.80895°W [WGS84, 10m acc.], 1951 m elev.

SMR578 *Bolitoglossa franklini nigroflavescens* FF-liver 3/28/08

SMR579 " " alive to UNAM

- collected by TJP

ca. 0.75Km NE of path from Finca Prusia to Campamento El Triunfo at limit of Zona Nucleo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 26 15°40'17"N, 92°47'54" W [WGS84], 2020m elev.

AMA2489 *Dendrotriton xolocalcae* adult female FF-intestine liver 4/08/08

- collected by AMA + Juan Carlos Winfield Perez, taken alive to MVZ

ca. 0.5Km from Campamento El Triunfo on trail to Finca Prusia, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 27 AMA2497 *Aneides* adult - dead on trail FF-liver 3/28/08

15.65920°N, 92.80815°W [WGS84, 25m acc.], 2018m elev.

ca. 0.5Km from El Pozotero towards Finca Prusia on trail from Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 27 15.68736°N, 92.79325°W [WGS84, 20m acc.], 1700m elev.

AMA2501 *Bolitoglossa occidentalis* adult female FF-liver 3/28/08

collected by SMR, GPO, JCWP, TJP

Junction of trail to Ejido Santa Rita and Finca Prusia-Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 27 15.69102°N, 92.79256°W [WGS84, 8m acc.], 1484m elev.

AMA2507 *B. occidentalis* adult male FF-liver 3/28/08

Kouto, Sean
2008

Catalogue

17.9 Km (by road) NW of Pueblo Nuevo Solistahuacan on MX195, Chiapas, Mexico

March 29 17.19875°N, 92.99046°W [WGS84, 9m acc.], 1556m elev.

SMR581 Norops adult male FF-liver 3/30/08

Puerto del Niento, 12.4 Km (by road) NW of Pueblo Nuevo Solistahuacan on MX195, Chiapas, Mexico

March 29 17.21706°N, 92.96500°W [WGS84, 4m acc.], 1895m elev.

SMR582 Sphenomorphus adult FF-liver 3/30/08

SMR583 Bolitoglossa rufescens adult male

SMR584 " " adult male

SMR585 " " adult

14.9 Km (by road) NW of Pueblo Nuevo Solistahuacan on MX195, Chiapas, Mexico

March 29 17.21053°N, 92.97479°W [WGS84, 8m acc.], 1740m elev.

SMR586 B. rufescens subadult

SMR587 " " adult male

1.4 Km S of MX195 on side road, then 4.8 Km (by road) E of center of Rayon on MX195, Chiapas, Mexico

March 29 17.19193°N, 92.82756°W [WGS84, 16m acc.], 1730m elev.

SMR588 B. rufescens adult

SMR589 " " subadult

SMR590 Plectrohyla adult female FF-liver 3/30/08

SMR591 " adult female " "

Ruiter, Sean
2008

Catalogue

2.7Km (by road) W of center of Pantepec on road to Tapalapa, Chiapas, Mexico

March 30 17.18491°N, 93.06490°W [WGS84, 6m acc.], 1711m elev.

SMR592 *Boliteglossa rufescens* juvenile
SMR593 " " adult male
SMR594 " " adult male
SMR595 " " adult male

10.2Km E (by road) of Puerto Cate on road to Simojovel, then 1.2Km N (by road) towards Los Angeles, Chiapas, Mexico

March 30 17.04259°N, 92.76370°W [WGS84, 7m acc.], 1538m elev.

SMR596 *B. rufescens* adult female
SMR597 " " - died in captivity 5/10/08 FF- whole animal
SMR598 " " - died 5/11/08 FF-tail
SMR599 " "
SMR600 " "
SMR601 " "

Armando Bejabdua, 23.2Km N (by road) of Ocozocoautla on old highway to Apicpac, then 4.3Km W on dirt road, Chiapas, Mexico

March 31 16.92226°N, 93.48104°W [WGS84, 7m acc.], 924m acc.

SMR602 *Smilisca baudinii* adult female
SMR603 *Boliteglossa alberchi* adult FF- liver 4/8/08
SMR604 *Boliteglossa occidentalis*
SMR605 " "

Ruvito, Sean
2008

Catalogue

Armando Zebadua, 23.2Km N (by road) of Ocozocoautla on old highway to Ocuapac, then 4.3Km W on dirt road, Chiapas, Mexico

March 31 16.92226°N, 93.48104°W [WGS84, 7m acc.], 924m elev.

SMR606 *Bolitoglossa occidentalis* adult
SMR607 " "
SMR608 " "
SMR609 " "
SMR610 " "
SMR611 " "
SMR612 " "
SMR613 " "
SMR614 " "
SMR615 " "
SMR616 " "
SMR617 " "
SMR618 " "
SMR619 " "
SMR620 " "
SMR621 " "
SMR622 " "

- all *B. occidentalis* from this locality taken alive to Berkeley
- collected w/ TJP

Lovito, Sean
2008

Catalogue

ca. 300m SW (by air) of Allores cabins, Sierra de las Minas Biosphere Reserve, Municipio San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 27 15.08439°N, 89.94557°W [WGS84, 15m acc.], 2470m elev.

SMR623 *Bolitoglossa* sp. juvenile FF EtOH - liver 5/[redacted]/08

Allores cabins, 31.0 km (by road) N of San Agustín Acasaguastlan, Sierra de las Minas Biosphere Reserve, Depto. El Progreso, Guatemala

May 27 15.08469°N, 89.94294°W [WGS84, 10m acc.], 2549m elev.

CRVA1482 *Coniophanes* FF EtOH - liver 5/28/08

SMR624 *Mesaspis moreletii* adult FF EtOH - liver 5/28/08

500m SW (by air) of Allores cabins, Sierra de las Minas Biosphere Reserve, Municipio San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 27 15.08212°N, 89.94628°W [WGS84, 7m acc.], 2486m elev.

SMR625 *Bolitoglossa* sp. juv. FF EtOH - liver 5/[redacted]/08

CRVA1483 " " adult female FF EtOH - liver 6/1/08

CRVA1484 *Gravgastor* sp. FF EtOH - liver 5/[redacted]/08

SMR626 *Gravgastor* sp. "

SMR627 *Gravgastor* sp. "

SMR628 " " "

SMR629 " " "

CRVA1485 " " "

CRVA1486 " " "

CRVA1487 " " "

Ruvito, Sean
2008

Catalogue

Albores cabins, 31.0 Km (by road) N of San Agustín Acasaguastlan, Sierra de las Minas Biosphere Reserve, Depto. El Progreso, Guatemala

May 27 15.08390°N, 89.94308°W [WGS84, 10m acc.], 2476m elev.

CRVA1488 Bolitoglossa sp. juvenile FF EtOH - tail 6/1/08 [redacted]

2.3Km W (by air) of Albores cabins on trail to antennas on Cerro Pinalon, Sierra de las Minas Biosphere Reserve, Municipio San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 28 15.08246°N, 89.92078°W [WGS84, 8m acc.], 2902m elev.

CRVA1489 Cerrophidion godmani adult FF EtOH - liver 5/28/08

Peña del Angel, 1Km W (by air) of Albores Cabins, Sierra de las Minas Biosphere Reserve, Municipio San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 28 SMRG30 Bolitoglossa sp. juvenile FF EtOH - tail 5/31/08

15.08255°N, 89.95170°W [WGS84, 23m acc.], 2530m elev.

230m S (by air) of Albores cabins on road to San Agustín Acasaguastlan, Sierra de las Minas Biosphere Reserve, Depto. El Progreso, Guatemala

May 28 15.08263°N, 89.94249°W [WGS84, 6m acc.], 2585m elev.

CRVA1490 Bolitoglossa sp. juvenile FF EtOH - liver 5/31/08

500m SW (by air) of Albores cabins, Reserva de la Biosfera Sierra de las Minas, Municipio San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 28 15.08212°N, 89.94628°W [WGS84, 7m acc.], 2486m elev

SMRG31 Craugastor sp. FF EtOH - liver 6/1/08

arto, Sean
2008

Catalogue

ca. 500m SW (by air) of Allores cabins, Reserva de la Biosfera Sierra de las Minas, Mnpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

May 28 15.08238°N, 89.94676°W [WGS84, 8m acc.], 2562m elev

CRVA1491	Bolitoglossa sp.	[redacted]	FF EtOH-
SMRG32	Bolitoglossa sp.	adult female	FF EtOH- liver 6/1/08
CRVA1492	Craugastor sp.		" "
CRVA1493	Craugastor sp.		" "

7.5 Km N (by rd) of Tucurú on road to Chelemhá, Depto. Alta Verapaz, Guatemala

May 29 15.30979°N, 90.06810°W [WGS84, 8m acc.], 635m elev.

SMRG33	Bufo valliceps	adult female	FF EtOH- liver 6/1/08
CRVA1494	Bufo valliceps	adult	FF EtOH- liver 6/1/08

1.8 Km (by air) SE of center of La Unión, Depto. Zacapa, Guatemala

May 30 14.95639°N, 89.27856°W [WGS84, 10m acc.], 1338m elev.

CRVA1495	Bufo coccifer	adult	FF EtOH- liver 6/1/08

5.2 Km (by rd) SE of center of La Unión, Depto. Zacapa, Guatemala

May 30 14.94625°N, 89.27641°W [WGS84, 10m acc.], 1560m elev.

SMRG34	Gryptotriton monzoni	adult	FF- liver 5/31/08
SMRG35	" "		FF- intestine liver 6/1/08
SMRG36	" "		" "
CRVA1496	" "	adult	EtOH- intestine liver 6/1/08
CRVA1497	" "		EtOH- liver 6/1/08

Rorto, Sean
2008

Catalogue

5.2 Km SE (by rd) of center of La Union, Depto. Zacapa, Guatemala
May 30 14.94625°N, 89.27641°W [WGS84, 10m acc.], 1560m elev.

CRVA1498	*Bolitoglossa cranti*	adult male	FF EtOH - liver	6/1/08
SMRG37	*Craugastor*		"	"

24.1 Km S (by rd) of center of Guatán on road to La Union, Depto. Zacapa, Guatemala
May 30 14.98187°N, 89.28288°W [WGS84, 8m acc.], 880m elev.

SMRG38	*Engystomops pustulosus*	adult male	FE EtOH - liver	5/31/08
SMRG39	"	"	"	"
CRVA1499	"	"	"	"
CRVA1500	"	"	"	"
SMRG40	*Smilisca baudinii*	adult male		"
SMRG41	"		"	"
CRVA1501	"		"	"
CRVA1502	"		"	"

6.8 Km SSE (by air) of Cabañas, Depto. Zacapa, Guatemala
May 31 14.87154°N, 89.77885°W [WGS84, 10m acc.], 525m elev.

SMRG42	*Bufo*	adult female	FF EtOH - liver	6/1/08
SMRG43	*Aspidoscelis motaguae*	adult male	"	"

Ivitro, Sean
2008

Catalogue

Towers on Cerro Miramundo, town of Miramundo on road from Mataquescuintla to Jalapa, Depto. Jalapa, Guatemala

June 2 14.53749°N, 90.16635°W [WGS84, 8m acc.], 2588m elev.

Bolitoglossa mario

Rovito, Sean
2008

Catalogue

Juricentro Guaytan, San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 23 14.94049°N, 89.96907°W [WGS84, ±7m], 294m elev.

SMRG42	*Smilisca baudinii*	juvenile	FF EtOH - liver	7/28/08
SMRG43	*Leptodactylus melanonotus*		FF - liver	7/28/08
CRVA1524	"	"	EtOH - liver	7/28/08
SMRG44	*Bufo luetkenii*	adult male	FF - liver	7/28/08
CRVA1525	"	"	EtOH - liver	7/28/08
CRVA1526	*Bufo marinus*	juv.	EtOH - liver	7/28/08
SMRG45	*Basiliscus vittatus*	adult	FF EtOH - liver	7/28/08
CRVA1527	*Anolis lemurinus*	adult male	FF EtOH - liver	7/28/08
CRVA1530	*Hemidactylus frenatus*	adult	FF EtOH - tail	7/28/08

9.9 Km N (by road) of center of San Agustín Acasaguastlan on road to La Trinidad, Depto. El Progreso, Guatemala

July 23 14.99958°N, 89.95260°W [WGS84, ±12m], 505 m elev.

CRVA1528	*Gastrotheca*	adult female	FF EtOH - liver	7/28/08
CRVA1529	*Rana berlandieri*	adult female	"	"
SMRG46	*Rana vaillanti*	adult	"	"

ca. 0.5 Km from La Trinidad (by road) on road to las Cabañas de Allores, Reserva de la Biosfera Sierra de las Minas, Depto. El Progreso, Guatemala

July 24 15.06851°N, 89.94840°W [WGS84, ±6m], 1975 m elev

SMRG47	*Bolitoglossa helmrichi*	adult male	FF EtOH - liver	7/28/08

vitos, Sean
2008

Catalogue

Near Alborres cabins, on road to La Trinidad, Reserva de la Biosfera Sierra de las Minas, Depto. El Progreso, Guatemala

July 24 15.08212°N, 89.94628°W [WGS84, ±1Km], 2500m elev.

CRVA1531 Bolitoglossa mosisi adult ♂ FF EtOH - liver 7/28/08

- collected by 2 policemen on hike up to cabins, under log along road

250m SW (by air) of las cabañas de Alborres, [redacted] 3.0 Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 24 15.08358°N, 89.94412°W [WGS84, ±10m], 2422m elev.

CRVA1532 Bolitoglossa mehlana FF EtOH - liver 7/28/08

- to MVZ, with frozen tissue

CRVA1533	Craugastor brocchi	adult ♀	"	"
SMR650	Craugastor sp. 1	subadult	"	"
CRVA1534	" "	adult	"	"
SMR648	Craugastor sp. 2	adult ♀	"	"
SMR649	Craugastor sp.	adult ♂	"	"

270m S (by air) of las cabañas de Alborres, 3.0 Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 24 15.08228°N, 89.94382°W [WGS84, ±5m], 2578m elev.

SMR653 Craugastor sp. adult ♀ FF EtOH - liver 7/28/08

rito, Sean
2008

Catalogue

ca. 500 m SW (by air) of las cabañas de Allores, 3.3 km W (by air) of Cerro Pinalón, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlán, Depto. El Progreso, Guatemala

July 24 15.08212° N, 89.94628° W [WGS84, ± 100 m], 2490 m elev.

CRVA1536	Bolitoglossa mosiro	juv.	FF EtOH - liver, tail	7/28/08
CRVA1537	" "	subadult ♀	FF EtOH - liver	7/28/08
SMR651	" "		"	"
SMR652	Gramgastor brocki	adult	"	"
CRVA1538	Gramgastor sp. 1	adult ♂	"	"

15.08225° N, 89.94682° W [WGS84, ± 5 m], 2500 m elev.

CRVA1539	Gramgastor sp.	adult ♀	FF EtOH - liver	7/28/08

Las cabañas de Allores, ca. 3 km W (by air) of Cerro Pinalón, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlán, Depto. El Progreso, Guatemala

July 25 15.08385° N, 89.94305° W [WGS84, ± 6 m], 2558 m elev.

CRVA1540	Mesaspis moreletii	adult ♀	EtOH - liver	7/28/08
CRVA1541	" "	adult ♀	"	"
CRVA1542	" "	adult ♂	"	"
SMR654	" "	adult ♂	FF - liver	7/28/08
SMR655	" "	adult ♀	"	"
SMR656	Dendrotriton teniarcnemis	adult ♂	"	"
SMR657	"	" ♀	"	"
SMR658	"	" ♀	"	"
CRVA1543	"	" ♂	EtOH - liver	7/28/08

Rovito, Sean
2008

Catalogue

Las cabañas de Allores (continued from previous page)

July 25 CRVA1544 *Scelopsus taeniocnemis* adult ♀ EtOH-liver 7/28/08
CRVA1545 " " " " "
SMRG59 *Cryptobatrachus godmani* adult ♀ FF EtOH-liver 7/25/08
CRVA1546 " " juv. " "
CRVA1547 *Craugastor* FF EtOH-liver 7/28/08
SMRG60 " "

Piedra del Angel, 1.1 Km W (by air) of las cabañas de Allores, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 25 15.08401°N, 89.95322°W [WGS84, ±3m.], 2550m elev.
CRVA1548 *Scelopsus taeniocnemis* adult ♀ EtOH-liver 7/28/08
CRVA1549 " " ♀ " "
SMRG61 " " ♀ FF-liver 7/28/08
SMRG62 " " ♂ " "

0.7 Km WSW (by air) of las cabañas de Allores, 3.5 Km W (by air) of Cerro Pivalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 25 15.08258°N, 89.94873°W [WGS84, ±20m.], 2535m elev.
SMRG63 *Bolitoglossa mario* adult ♂ FF EtOH-liver 7/28/08
- collected in log by Enio Cano

0.8 Km W (by air) of cabañas, 3.8 Km W (by air) of Cerro Pivalon, " "

July 25 15.08550°N, 89.95077°W [WGS84, ±6m.], 2584m elev.
CRVA1535 *B. mario* FF EtOH-liver 7/28/08

Rovito, Sean
2008

Catalogue

ca. 500m SW (by air) of las cabañas de Allores, 3.4Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 25 15.08225°N, 89.94082°W [WGS84, ± 100m], 2580m elev.

SMRG64 *Bolitoglossa mörio* subadult FF EtOH- liver 7/28/08

CRVA1550 " " subadult " "

CRVA1551 " " juvenile " "

Cuatro Caminos, 1.7Km E (by air) of las cabañas de Allores, 1.2Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guate.

July 26 15.08310°N, 89.92685°W [WGS84, ± 17m], 2740m elev.

SMRG65 *Mesaspis moreletii* FF- liver 7/28/08

2.4Km E (by air) of las cabañas de Allores, 0.5Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08300°N, 89.92072°W [WGS84, ± 13m], 2819m elev.

SMRG66 *Cerrophidion godmani* juv. FF EtOH- liver 7/26/08

15.08310°N, 89.92043°W [WGS84, ± 6m], 2798m elev.

CRVA1552 *Craugastor* FF EtOH- liver 7/28/08

Porter, Sean
2008

Catalogue

2.3 Km E (by air) of las cabañas de Allores on trail to Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08304°N, 89.92493°W [WGS84, ± 9m], 2800m elev.

CRVA1553 Cerrophidion godmani adult ♀ FF EtOH - liver 7/26/08

CRVA1554 Mesaspis moreletii EtOH - liver 7/28/08

1.5 Km E (by air) of las cabañas de Allores, 1.4 Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08357°N, 89.92889°W [WGS84, ± 100m], 2750m elev.

CRVA1555 Bolitoglossa mexicana FF EtOH - liver 7/28/08

CRVA1556 " " adult ♂ " "

SMR667 " " adult ♂ " "

SMR668 " " " "

- collected in logs by Enio Cano

Between Cuatro Caminos and Cerro Pinalon, 1.2 Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08342°N, 89.92683°W [WGS84, ± 7m], 2800m elev.

SMR669 Coniophanes FF EtOH - liver 7/28/08

Rovito, Sean
2008

Catalogue

ca. 100m from Cuatro Caminos on road to Estancia de la Virgen, 1.1KmW (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08191°N, 89.92586°W [WGS84, ±30m], 2835m elev.

CRVA1557 *Bolitoglossa mehana* adult ♀ FF EtOH - liver 7/28/08

Las cabañas de Allores, ca. 2Km W (by air) of Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 26 15.08467°N, 89.94301°W [WGS84, ±8m], 2642m elev.

CRVA1558 *Cryptotriton godmani* juvenile FF EtOH - liver 7/26/08

On trail from las cabañas de Allores to La Trinidad, 3.5Km WSW (by air) from Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 27 15.07515°N, 89.94787°W [WGS84, ±10m], 2270m elev.

CRVA1559 *Bolitoglossa helmrichi* juvenile FF EtOH - liver 7/28/08

Finca la Tormenta (La Trinidad), 13.7Km N (by air) of San Agustín Acasaguastlan, Sierra de las Minas, Depto. El Progreso, Guatemala

July 27 15.06481°N, 89.94800°W [WGS84, ±4m], 1878m elev.

CRVA1560 *Leptophis modestus* adult FF EtOH - liver 7/28/08

13.3 Km (by air) N of San Agustín Acasaguastlan on road to La Trinidad, Sierra de las Minas, Depto. El Progreso, Guatemala

July 27 15.05861°N, 89.93621°W [±10m], 1711m elev.

SMR 670 *Ptychohyla hypomycter* adult FF EtOH - liver 7/28/08

Ruiz, Sean
2008

Catalogue

500m SW (by air) of las cabañas de Albores, 3.3 Km W (by air) of Cerro Pinalón, Reserva de la Biosfera Sierra de las Minas, Mpio. San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 27 15.08212°N, 89.94628°W [WGS84, ± 10m], 2500m elev.

SMRG671 Gravigaster adult FF EtOH liver 7/28/08

- died on trip down mountain

Jurucentro Guaytan, San Agustín Acasaguastlan, Depto. El Progreso, Guatemala

July 28 14.94049°N, 89.96907°W [WGS84, ±7m], 294m elev.

SMRG672 Aspidoscelis deppei FF EtOH liver 7/28/08

0.5 Km NE (by air) of La Union, on road to Gualan, Depto. Zacapa, Guatemala

July 28 14.97094°N, 89.28728°W [WGS84, ± 6m], 832m elev.

SMRG673 Sphaerodactylus juv. FF-whole animal 7/28/08

SMRG674 Boiteiglossa rufescens adult ♀ FF EtOH- liver intestine 7/29/08

CRVA1562 " " adult ♂ FF EtOH- liver 7/29/08

CRVA1563 " " juv. " "

23.9Km S (by road) of Gualan on road to La Union, Depto. Zacapa, Guatemala

July 28 14.98167°N, 89.28288°W [WGS84, ± 6m], 861m elev.

CRVA1561 Bothrops asper EtOH-liver 7/28/08

- DOR

Roito, Sean
2008

Catalogue

23.5 km S (by road) of Gualan on road to La Union, Depto. Zacapa, Guatemala

July 28 14.98420°N, 89.28289°W [WGS84, ± 6m], 863m elev.

CRVA1564	*Rana berlandieri*	adult		FF EtOH-liver	7/29/08
CRVA1571	"	"	juv.	"	"
SMR675	*Bufo valliceps*	adult	♀	"	"
SMR676	*Gastrophryne*	adult		"	"
SMR677	*Engystomops pustulosus*	adult	♂	FF-liver	7/29/08
CRVA1565	"		"	EtOH-liver	7/29/08
SMR678	*Smilisca baudinii*	adult	♂	FF-liver	7/29/08
SMR679	"		"	"	"
SMR680	"		"	"	"
CRVA1566	"		"	EtOH-liver	7/29/08
CRVA1567	"		"	"	"
CRVA1568	"		"	"	"
CRVA1569	"		"	"	"
CRVA1570	*Leptodactylus melanonotus*	juv.		"	"
SMR681	"	"	adult	♂ FF-liver	7/29/08

- all specimens from 7/23-7/28/08 collected by SMR, CRVA, TJP, Craig Moritz, Jacobo Conde, Nance Nredenburg

Savitto, Sean
2008

Catalogue

On trail from guest house to mirador, Reserva Natural Chelemhá, 11.8 Km (by air) NNE of Fucuru, Depto. Alta Verapaz, Guatemala

July 31 15.38705°N, 90.06197°W [WGS84, ±25m], 2023 m elev.

SMRG682 *Cerrophidion godmani* female adult FF EtOH-liver 8/2/08

15.38594°N, 90.06190°W [WGS84, ±25m], 2040 m elev.

SMRG683 *Bothrogonia helmrichi* juv. FF-liver 8/2/08
SMRG684 " " juv. " "
CRVA1572 " " juv. EtOH-liver 8/2/08
CRVA1573 *Crotalus* adult ♀ " "

15.38517°N, 90.06307°W [WGS84, ±17m], 2077 m elev.

SMRG685 *B. helmrichi* juv. FF-liver 8/2/08
SMRG686 " " subadult " "
CRVA1574 " " EtOH-liver 8/2/08
CRVA1575 " " " "

Guest house, Reserva Natural Chelemhá, 11.8 km NNE (by air) of Fucuru, Depto. Alta Verapaz, Guatemala

July 31 15.38580°N, 90.06159°W [WGS84, ±9m], 2050 m elev.

SMRG687 *B. helmrichi* juv. FF-liver 8/2/08
SMRG688 " " juv. " "
CRVA1576 " " juv. EtOH-liver 8/2/08
CRVA1577 " " subadult " "

Roxto, Sean
2008

Catalogue

Chelemhá Natural Reserve guest house, Montañas de Yalijux, Depto. Alta Verapaz, Guatemala

Aug. 1 15.38517°N, 90.06159°W [WGS84, ±9m], 2050m elev.

CRVA1578 *Mesaspis moreletii* juv. FF EtOH- liver 8/2/08

Village of Chelemhá, 12.1 Km NNE (by air) of Fucuru, Montañas de Yalijux, Depto. Alta Verapaz, Guatemala

Aug. 1 15.38534°N, 90.05530°W [WGS84, ±7m], 1908m elev.

CRVA1579 *M. moreletii* juv. FF EtOH- liver 8/2/08

SMR689 " " FF EtOH- liver, tail 8/2/08

CRVA1580 *Adelphicos* adult FF EtOH- liver 8/2/08

N side of Montañas de Yalijux, on trail from Chelemhá to Sequixpur, 12.8 Km NNE (by air) of Fucuru, Depto. Alta Verapaz, Guate.

Aug. 1 15.39836°N, 90.06548°W [WGS84, ±10m], 2224m elev.

SMR690 *Bolitoglossa helmrichi* adult ♀ FF- liver 8/2/08

CRVA1581 *Gaugastor* EtOH [redacted]-. liver 8/2/08

N side of Montañas de Yalijux, on trail from Chelemhá to Sequixpur, 13.1 Km NNE (by air) of Fucuru, Depto. Alta Verapaz, Guatemala

Aug. 1 15.40258°N, 90.06920°W [WGS84, ±16m], 1985m elev.

CRVA1582 *Gaugastor* FF EtOH- liver 8/2/08

CRVA1583 *Gaugastor* " "

CRVA1584 *Gaugastor* juv. EtOH- liver 8/2/08

SMR691 *Gaugastor* adult ♀ FF EtOH- liver 8/2/08

SMR692 *Gaugastor* adult ♂ " "

CRVA1585 *B. helmrichi* EtOH- liver 8/2/08

Roito, Sean
2008

Catalogue

1.1 NNW
[redacted] Km [redacted] (by air) of guest house at Chelemhá Natural Reserve,
12.7 Km NNE (by air) of Tucuru, Depto. Alta Verapaz, Guatemala

Aug. 1 15.39690°N, 90.06537°W [WGS84, ±10m], 2208 m elev.
SMR693 Gongylo FF Etoh - liver intestine 8/2/08

Guest house at Reserva Natural Chelemhá, Montañas de Yalijux,
11.8 Km NNE (by air) of Tucuru, Depto. Alta Verapaz, Guatemala

Aug. 2 15.38580°N, 90.06159°W [WGS84, ±20m], 2050 m elev.
SMR694 *Scelopórus taeniscnemis* adult ♀ FF Etoh - 8/2/08

Reserva Natural Chelemhá, on trail from guest house to mirador,
Montañas de Yalijux, 10.9 Km NNE (by air) of Tucuru,
Depto. Alta Verapaz, Guatemala

Aug. 2 15.38282°N, 90.07429°W [WGS84, ±50m], 2509 m elev.
SMR695 Gongylo FF - liver 8/4/08
SMR696 Gongylo " "

15.38227°N, 90.07350°W [WGS84, ±10m], 2519 m elev.
SMR697 Gongylo FF - liver 8/4/08
SMR 698 Gongylo adult ♀ " "
CRVA1585 Gongylo adult ♀ Etoh - liver 8/4/08
CRVA1586 Gongylo " "
CRVA1587 Gongylo " "
CRVA1588 Gongylo " "

Rovito, Sean
2008

Catalogue

8.4Km S (by road) of San Luis on road to Sahalom, near Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 3 15.89465°N, 90.73627°W [WGS84, ± 6m], 209m elev.

SMR699 *Dendrophryniscus microcephalus* adult ♂ FF-liver 8/4/08

6.3Km S (by rd) of San Luis on road to Sahalom, western border of Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 3 15.90359°N, 90.72228°W [WGS84, ± 8m], 196m elev.

SMR700 *Bufo glaberrimus rufescens* juv. FF-liver tail 8/4/08

SMR701 " " adult ♂ " "

CRVA1589 " " juv. EtOH-liver tail 8/4/08

CRVA1590 " " adult ♂ " "

1.5Km W (by rd) of San Marcos on road to Playa Grande, Depto. Alta Verapaz, Guatemala

Aug. 3 15.95443°N, 90.68893°W [WGS84, ± 7m], 182m elev.

SMR702 *Dendrophryniscus obstocatus* adult ♂ FF EtOH-liver 8/4/08

CRVA1591 " " adult ♀ " "

SMR703 *Hylocichla picta* adult ♂ " "

CRVA1592 *D. microcephalus* adult ♂ EtOH-liver 8/4/08

San Marcos, ca. 300 m W of entrance to Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 3 15.95351°N, 90.67798°W [WGS84, ± 10m], 190m elev.

SMR704 *Rana berlandieri* adult FF-liver heart 8/4/08

CRVA1593 " " adult EtOH-liver 8/4/08

Savitz, Sean
2008

Catalogue

San Marcos, ca. 500m W of entrance to Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 3 15.95351°N, 90.67798°W [WGS84, ±10m], 190m elev.

SMR705 *Hendrosophus microcephalus* adult ♂ FF-liver 8/4/08
SMR706 " " " "
CRVA1594 " " EtOH-liver 8/4/08

Parque Nacional Laguna Lachua, visitors center at Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 4 15.92519°N, 90.66334°W [WGS84, ±30m], 200m elev.

CRVA1596 *Basiliscus vittatus* EtOH-liver 8/5/08
SMR707 *Bufo valliceps* EtOH FF-liver 8/6/08

Parque Nacional Laguna Lachua, on trail from Laguna Lachua to park entrance, Depto. Alta Verapaz, Guatemala

Aug. 4 15.92698°N, 90.66422°W [WGS84, ±100m], 193m elev.

SMR708 *Bolitoglossa rufescens* adult ♀ FF-liver 8/6/08
CRVA1597 " " EtOH-liver 8/6/08
CRVA1598 " " " "
SMR709 *Leptodeira polystricta* adult FF-liver 8/5/08
CRVA1599 " " EtOH-liver 8/5/08
CRVA1600 *Ninia sebae* adult FF EtOH-liver 8/5/08
SMR710 *Gastrophryne elegans* adult ♀ FF-liver 8/6/08
CRVA1601 *Imantodes cenchoa* juv. FF liver EtOH-heart 8/5/08

Rovito, Sean
2008

Catalogue

Parque Nacional Laguna Lachua, on trail from Laguna Lachua to park entrance, Depto. Alta Verapaz, Guatemala

Aug. 4 15.93068°N, 90.66788°W [WGS84, ±11m], 183m elev.

SMR711 *Gastrophryne elegans* adult FF-liver 8/6/08

15.94042°N, 90.67593°W [WGS84, ±8m], 171m elev.

CRVA1602 *Rana* juv. EtOH-liver 8/6/08
CRVA1603 *G. elegans* adult ♂ " "
SMR712 *Gravgastor* adult FF EtOH-liver 8/6/08
SMR713 *Bolitoglossa rufescens* adult ♂ FF-liver 8/6/08
SMR714 *Basiliscus vittatus* adult FF-liver 8/5/08

Parque Nacional Laguna Lachua, 2Km S of entrance on trail to Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 4 15.93560°N, 90.67646°W [WGS84, ±200m], 190m elev.

CRVA1604 *Leptodeira polysticta* EtOH-liver 8/5/08
CRVA1605 *Ameiva festiva* adult FF EtOH-liver 8/5/08
- *Ameiva* killed w/ rubber band, prepped the next morning

3.7Km E (by rd) of entrance to PN Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 4 15.95011°N, 90.64007°W [±5m, WGS84], 190m elev.

SMR715 *Kinosternon acutum* adult ♂ FF-liver 8/6/08
SMR716 " " adult ♀ " "
SMR717 " " [illegible] " "
CRVA1606 " " adult ♂ EtOH-liver 8/6/08
CRVA1607 " " adult ♀ " "
CRVA1608 " " juv. " "
CRVA1609 " " hatchling kept alive by CRVA

Kurito, Sean
2008

Catalogue

2.7 Km E (by rd) of entrance to Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 4 15.95093°N, 90.64938°W [WGS84, ±6m], 191m elev.

SMR718 *Kinosternon acutum* juv. FF-liver 8/6/08

All specimens from 7/31/08 – 8/4/08 collected by SMR, CRVA, TJP and Andrea Paiz.

East of Upper Ottaway Lake, Yosemite National Park, Madera Co., CA

July 26 37.64198°N, 119.39867°W [WGS84, ±4m], 3275m elev.

SMR719 *Hydromantes platycephalus* adult ♀ FF-liver 8/9/08
- collected by Sean Schoville, saw another 5 here
- dried out in trap, had to be rehydrated

11.8 Km E (by air) of Concepción Pápalo, Sierra de Juárez, Oaxaca, México

Aug. 13 17.83499°N, -96.77040°W [WGS84, ±18m], 2414m elev.

SMR720	*Pseudoeurycea auriantia*	juv.	FF-liver, intestine	8/28/08
SMR721	" "	adult	FF-liver	8/28/08
SMR722	" "	adult ♀	"	"
SMR723	" "	adult	"	"
SMR724	" "	juv.	FF-liver, intestine	8/25/08
SMR725	" "	juv.	"	"
SMR726	" "	juv.	"	"
SMR727	" "	adult	FF-liver	8/25/08

Rovito, Sean
2008

Catalogue

Tlalixtac Viejo, 14.5 Km ENE (by air) of Concepción Pápalo, Sierra de Juárez, Oaxaca, Mexico

Aug. 1[redacted]4 17.88183°N, 96.75099°W [WGS84, ±8m], 1631m elev.

SMR728 Gravgastor adult FF-liver 8/25/08

Tlalixtac Viejo, 15.1Km ENE (by air) of Concepción Pápalo, Sierra de Juárez, Oaxaca, Mexico

Aug. 1[redacted]4 17.88279°N, 96.74518°W [WGS84, ±8m], 1489m elev.

SMR729 Thorius tail-100% EtOH 8/13/08

- only tail found

4.0Km NE (by road) of Peña Nerde on road to Tlalixtac Viejo, Sierra de Juárez, Oaxaca, Mexico

Aug. 1[redacted]4 17.86900°N, 96.73501°W [WGS84, ±10m], 1908m elev.

SMR730 Chiropterotriton adult ♂ intestine FF-liver 8/28/08

SMR731 Gravgastor adult FF-liver 8/25/08

11.0Km ESE (by air) of Concepción Pápalo, Sierra de Juárez, Oaxaca, Mexico

Aug. 1[redacted]5 17.8273°N, 96.77886°W [WGS84, ±8m], 2653m elev.

SMR732 Pseudoeurycea aurantia adult ♂ FF-liver 8/29/08

10.8Km ESE (by air) of Concepción Pápalo, Sierra de Juárez, Oaxaca, Mexico

Aug. 1[redacted]5 17.83178°N, 96.78004°W [WGS84, ±10m], 2716m elev.

SMR733 P. aurantia juvenile FF-liver 8/25/08

SMR734 Thorius papaloae adult FF-liver, intestine 8/29/08

Roitto, Sean
2008

Catalogue

Cabañas La Cumbre, Santa Catarina Ixtepeji, Cerro San Felipe,
6 Km NW (by rd) of MX175, Oaxaca, Mexico

Aug. 16 17.19570°N, 96.64107°W [WGS84, ± 31m], 2879m elev.

SMR73[redacted]7	Ihorius	adult	FF - liver intestine 8/28/08
SMR736	Grammastor	adult?	FF - liver 8/25/08
SMR73[redacted]5	Grammastor	adult	" "

Sean M. Rovito

2008

Journal

Guatemala: Chiquimula, El Progreso, Izabal, Jalapa, Zacapa

Honduras: Atlantida, Comayagua, Cortes, Islas de la Bahia, Ocotepeque, Santa Barbara

Mexico: Chiapas, Oaxaca

Kaito, Sean
2008

Journal

Near Pinalito, Depto. Jacapa and on Volcan Quetzaltepeque, Depto. Chiquimula, Guatemala

Jan. 3 Yesterday, Ted and I arrived in Guatemala city at 08:00 to find that the bag with the pres kit hadn't made it on our flight. We met Carlos and Gustavo and drove to near Rio Hondo, where we stayed at the Hotel Longarone. We drove north along the Rio Hondo through Aldea Paraluya and walked on a trail through good dry forest to an old dam with a cement wall. We walked along the wall for ~1 hr and Carlos and Ted each got a Phyllodactylus tuberculosus (Ted saw another). On the way down, we saw a striped skunk.

This morning, we got a fairly early start and drove out of Jacapa through La Tremontina towards Pinalito, where we had been in May 2007. A cold front from the north brought rain, and we had to turn back just before the Puesta de Salud because of a very steep muddy stretch. We parked at the football field (after trying and failing to drive up) and walked up a road to a finca; got a B. pupureana in a bromeliad along the way. We could only see pine forest, but a man on the finca told us that ~20 min away by car, just over the high ridge, is a big primary cloud forest with huge tree ferns. The road ends in this forest at Finca Bendición, owned by Carlos Perez. We opened ~8 bromeliads and Carlos found an adult B. comatis. We gave up here since we couldn't get to any good habitat and decided to drive to Volcán Quetzaltepeque. We drove to the town of Quetzaltepeque and took the old highway

Rivito, Sean
2008

Journal

Near Pinalito, Depto. Jacapa and Volcán Quetzaltepeque, Depto. Chiquimula, Guatemala (cont.

Jan. 3 ... to Esquipulas, and then turned E near the crest and took a road up to the towers. We opened ~10 big bromeliads near the towers. This area is mostly planted cypress, but there is some nice forest left on the very steep northern slope. We went down and opened ~6 big bromeliads from a dead tree in 2° forest; Carlos got a Scelopurus under bark. As it was getting dark, we stopped and opened ~15 bromeliads of all sizes from a few trees near the road in an area with liquidamber and other broadleaf species, which seemed to be all secondary forest. Carlos got a big male Bolitoglossa heiroreias, and I got a juvenile one out of a huge bromeliad. We had to stop opening bromeliads because it was dark, so we drove back to Rio Hondo. Quetzaltepeque seems like it would be worth another trip. It has lots of bromeliads and an isolated area of humid or wet montane forest on top.

Cerro Negro Norte, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 4 José Monzón, an entymologist associated with la Universidad del Valle, met us for breakfast at 06:30, and then we drove to Morales, where our lost bag awaited us. We drove through a gate onto land of a logging company whose owner José knows. The lower area has been totally cut and the road was very muddy, since it was still raining. We soon began to climb

Knight, Sean
2008

Journal

Cerro Negro Norte, Sierra de Caral, Depto. Izabal, Guatemala (cont.)

Jan. 4 ... through selectively logged and secondary forest on a decent gravel/sandy road. As we went on, the road became steep and muddy and our front wheel (+ almost the whole car) fell into a big ditch covered by ferns. It took about an hour of digging and pulling with 2 pickups to get it out. The 2nd pickup had to pull both of us up a slope farther up the road! We got to Joe's house, a nice 2 room wooden shelter with a porch and downstairs open area, and then walked up the road for about an hour towards Cerro Negro Norte in a moderate rain. When we got about 45 min up, Gustavo found a B. rufescens in a log, and Carlos found an Ameiva undulata under a log. After ~1 hr of walking (ca. 1150 m) we started to see bromeliads in abundance, and opened a good number (maybe 20), but they were very full of water, too much for them to be good for salamanders. We did get 1 B. rufescens in a bromeliad. We walked up to the top of Cerro Negro Norte, arriving at dark (~18:00) and then walked back slowly searching on the vegetation. It was cold and wet and we saw no amphibians and little insect life. We arrived wet and disappointed at the house at 21:30, having searched for all but the last half hour of that time. I was surprised not to have seen more, but it is rather cold for such a low area.

Roite, Sean
2008

Journal

Cerro Negro Norte, Sierra de Caral, Depto. Izabal, Guatemala

Jan. 5 We woke up somewhat late today, since we were tired and it was still cold and rainy. The rain was lighter than yesterday, and stopped by about 09:00. Gustavo, Carlos and I found a trail down to the creek for night work, and then we walked up the road to do more bromeliad work. We arrived at the area that still had big trees but no smaller trees or understory and started cutting bromeliads at 12:00. We quickly got a B. rufescens, but the bromeliads were filled to the brim with water and we opened many without success (or much hope of it). Carlos and Gustavo got a huge male B. dunni in a sideways bromeliad on a fallen tree, as well as a Bromelionyla bromelicola. We opened many bromeliads at this site, and searched in some excellent logs as well. We continued opening bromeliads as we walked up the road, but the forest on both sides quickly became cafetales and then cattle pasture. We had a late lunch on top of Cerro Negro Norte on the Honduran border (so the locals said), where not a tree was left standing, although some forest was left on a steep slope. We kept working bromeliads until 16:00 without getting anything else and then walked back to the house. At 19:00 we walked down to the creek, searching along the way. Gustavo found a male B. dolleini on low vegetation. We walked along the creek for 30-40 min, and Carlos got a Duellmanohyla soralia and a Ptychohyla hypomykter, and he and I each got a Plectrohyla matudai, all on vegetation. This creek is where Cryptobrotia waleri was found (we think), and looks very nice, with big trees and lots of broad-leaved understory plants like

Rovito, Sean
2008

Journal

Cerro Negro Norte, Sierra de Caral, Depto. Chalatenango, Guatemala (cont.)

Jan. 5 ... Heliconia. I think that we could find a lot here with more time. We worked our way back up to the house, arriving at 21:30; I found another male B. dolleni and a Florida capito, both on vegetation. It rained lightly while we searched. Ted went to bed while the rest of us made dinner and took chytrid swabs. Carlos and I went back out to search along the creek from 01:00 to 02:15. It was raining harder, and I found a Craugastor in front of the house and a beautiful D. granulosa on a fern along the stream. We went to bed exhausted and soaked around 3AM.

Mountains west of San Pedro Sula, Depto. Cortes, Honduras

Jan. 7 We woke up at 06:30 yesterday, prepared all the specimens and drove down to Morales. The road was somewhat more washed out and we had to fill in some ditches and make some stone reinforcements - it took a long time to get down. With less rain, the extent of deforestation along the road was more apparent - this place looks like it's in trouble. We dropped Carlos and Gustavo off at the bus station and then crossed the border west of Puerto Barrios and spent the night in San Pedro Sula. Today, we drove up to the same area we worked in September in the Sierra de Omoa, W of the city. We started opening bromeliads at 11:00 at a spot 13.7 km (by road) from the Hospital Comesa, and I immediately found an adult Gymnobatrachus nasalis on a branch under a bromeliad I pulled off. The

Kristo, Sean
2008

Journal

Mountains west of San Pedro Sula, Depto. Cortés, Honduras (cont.)

Jan. 7 ... bromeliads are quite wet but not as bad as at Cerro Negro Norte. We searched until 13:00, and I got a juvenile B. ornatissima while Ted got an adult and juvenile B. dunni. We had lunch and took photos, and then searched in logs, leaf litter and bromeliads from 14:00-15:30, but found nothing more. I was surprised by how much C. nasalis looks like C. veracapacis, although this C. nasalis seemed to have smaller nostrils. We then went downhill to where we got the first B. rufescens in Sept. and walked along a trail through good lowland forest. We opened the few good bromeliads we saw (less than 10) and searched in logs, but found nothing. We emerged at a point slightly lower down on the road (15.48720°N, 88.09592°W [WGS84, 10m acc.], 1229m elev.), having searched from 15:30-17:00. This trail would be a good area to work at night. We then drove back to San Pedro Sula

Montanuela near "Barrancas de Trincheras", Depto. Comayagua, Honduras

Jan. 8 We got a late start today because Ted was trying unsuccessfully to arrange a visit to Los Cayos Cochinos to look for a gecko he wants. We drove to Siguatepeque and I was stopped twice by police, once for doing a U-turn without a green arrow and once for not having an emergency fire extinguisher at a checkpoint, but talked my way out of a ticket both times. We wanted to visit the supposed sole locality for B. occidentalis in Honduras, "Barrancas de Trincheras", near Comayagua. Ted

Kaitor, Sean
2008

Journal

Montanuela, "Barrancas de Trincheras", Depto. Comayagua, Honduras (cont.)

Jan. 8 ... and the collecting manager at the Field Museum had figured out that K. Schmidt had written down the locality in error - it was actually on the old highway to Siguatepeque between El Carrizal and El Socorro. We also looked at the specimens and they are clearly not B. occidentalis based on the feet. After failing to get to the site from the south, we came in from El Carrizal and stopped at a creek in Montanuela. Although the hillsides here are completely converted to agriculture, there is still some OK to good forest along the creeks. We opened the few spiny bromeliads we saw. A cool possum of some sort ran out of one, and I got an Amastodes cenchroa in another, I also got a Nimia selvae in a log. There were tons of stones and broadleaf plants that seemed good for salamanders at night, but it was difficult to look here during the day. We also looked in some red bananas. The forest along the streams could be described as gallery evergreen moist forest, while the small patches of trees on the hillsides were pine and oak. This seemed like B. mexicana habitat. We searched from 15:00-17:00 and then drove to Lago Yojoa, where we stayed at the D&D Brewery again. Bob had made arrangements for us to visit the Hendristrita site tomorrow and the Notstrita site the next day, and promised to get some kids looking for the 2-legged snakes he said he sees from time to time (we'll see...).

Kovitz, Sean
2008

Journal

Above San José de los Andes, Montaña de Santa Barbara,
Depto. Santa Barbara, Honduras

Jan. 9 We drove up to San José de los Andes after breakfast with Malcolm, a British bird guide who moved here a few months ago. We met Marcos, a guide recommended by Bob Dale at D&D, and started walking uphill around 09:30. At first we passed through moist forest and cleared areas but we quickly started to see big trees with epiphytes and good bromeliads. We started opening bromeliads at 10:30 around 1700m, but found nothing although they seemed great. We kept hiking uphill and got into nice cloud forest with immense hardwood trees, a lot of epiphytes and a good understory around 1800m and opened a lot of bromeliads without success before stopping for lunch. Malcolm didn't search for salamanders, but Marcos did. After lunch, we hiked up to 2000m and one of the first bromeliads I opened had 2 Dendrotriton sanctibarbarus. We searched in the very abundant bromeliads here from 14:00-15:30; I got 1 more, Jed got 4 and Marcos got 2. The salamanders seem abundant here, but I don't understand why there isn't a Bolitoglossa sp. known from this area. We chopped some more bromeliads on the way down around 1800m and heard a male quetzal calling (Marcos saw it). We got back to San José just as a light rain started, after having been nice or just cloudy all day. This was an exciting day of collecting for me, and I expect that this mountain really merits further searching.

Chaito, Sean
2008

Journal

San Luis los Planes, Montaña de Santa Barbara, Dept. Santa Barbara, Honduras

Jan. 10 Marcos and Malcolm met us for breakfast and we drove to the village of San Luis los Planes, on the north side of Montaña de Santa Barbara. We met Don Adán, a friend of Marcos and Bob, and drove through the town of El Sauce to a coffee field on the edge of the forest. We walked south from here and arrived at the edge of primary forest in less than 10 min. We walked uphill on a loop trail to a high point on the trail at 1720m. We had lunch and then started searching here at 12:00. There were some big trees, although parts of the forest were apparently logged ~40 yrs ago, but not many bromeliads. The first bromeliad I opened had a D. sanctibarbarus, not previously known from here. I got another in a bromeliad lower down on the path. After opening the few bromeliads we could find, Ted, Marcos and I started raking in leaf litter and opening logs (Adán watched our packs while Malcolm birded). We walked up to 1800m and searched until ~15:00 without success. Starting down, I raked through leaves between the buttresses of a massive tree and saw a very tiny Nototriton limnospectator, which escaped in the leaf litter despite our best efforts. I continued searching and caught an adult in the same tree - what luck! The litter here was deep, which must be the key for this species. On the way down, Ted got a Craugastor latrans under a board. We finished walking and searching at 17:00 and drove back to Los Naranjos happy - I didn't expect to get a Nototriton today.

Kurto, Sean
2008

Journal

Roatan, Depto. Islas de la Bahía, Honduras

Jan. 12 Ted insisted on coming out to Roatan to get the Phyllodactylus that is endemic to the Bay Islands. I wanted to keep looking for salamanders, but eventually agreed to go. We drove from Trujillo de Yojoa to La Ceiba yesterday and took the 4:30PM ferry to Roatan. Today we caught some Anolis (just 1, but saw many) near the Lawson's Rock housing development E of West End. We also tried to trap Trachemys in some small ponds near a hotel called Hobbie's Hideaway, where I saw either Rana or Leptodactylus and heard a hylid. We didn't get any turtles but we did catch 2 water snakes in the traps. Just after dark, we walked along the rock wall at the Lawson's Rock housing development for ~45 min and got 3 Phyllodactylus palmeus, 1 Hemidactylus, 1 Sphaerodactylus and 1 Basiliscus juvenile.

CURLA research station, La Ceiba, Depto. Atlántida, Honduras

Jan. 13 We took the 7AM ferry from Roatan to La Ceiba and drove to a field campus of CURLA (an agricultural research institute, I think) on the western outskirts of La Ceiba. We walked towards the hills from the guard station at the administration building, crossed a riverbed and then walked along a dirt road between a thin patch of dry forest and cattle pasture. There were large spiny bromeliads in trees and on fenceposts. We opened a few and I got a Anilisia brandinii in one and a big adult B. mexicana from the base of a clump of

Rovito, Sean
2008

Journal

CURLA Research station, La Ceiba, Depto. Atlántida, Honduras (cont.)

Jan. 13 ... bromeliads growing on a fencepost. Lots of the bromeliads had angry ants and wasps, so we couldn't open many of them. We searched for about 2 hours (12:00-14:00) and I also found an Amantodes cerdosa in a bromeliad. Wanted to find a B. rufescens but no luck. We then spent the rest of the day driving to Santa Rosa de Copán.

Belen Gualcho and Cerro Uyucante, Depto. Ocotepeque, Honduras

Jan. 14 We drove from Santa Rosa de Copán to Cucuyagua on CA4 and then turned south towards Belen Gualcho. We drove past Corquín and stopped in the first area we saw with bromeliads. It was a small remnant of liquidambar forest, part of which had the understory cleared, 7.3 Km N (by road) of Belen Gualcho. We opened some great bromeliads from 10:00-11:45 (maybe 30 bromeliads) and Ted quickly got a small B. conanti, but then we got nothing else. We drove to Belen Gualcho and then returned to near the high point on the road, 6.2 Km N of town, where there were many oak trees with tons of great bromeliads, although the forest was highly disturbed. We searched in bromeliads for ~25 min and I got an adult Bromeliophila bromeliacia. We then went back to the highway and drove W to Lucerna, where we turned N on a good road. We drove to to La Reserva Erocapa, which seemed heavily deforested, and took a road along the N side of the reserve. There was no forest here along the road but I could see some higher up on the hill. We searched in vain

Roite, Sean
2008

Journal

Belen Gualco and Cerro Yoncante, Depto. Ocotepeque, Honduras (cont.)

Jan. 14 ... for a good spot and cut down about 7 big bromeliads from isolated big trees but got nothing. We drove back along the western side of the reserve and took a dirt road south, which quickly climbed up to an area with remnants of great oak forest and many big bromeliads on a hill (2000 m) called Cerro Yoncante. I cut through some ferns to a large oak tree and got a juvenile B. cruenta in a big bromeliad. We searched here from 16:30 until 18:00 when it got dark but found nothing more. The liquidamber and oak forests here in Ocotepeque seem very temperate - strange to see so many bromeliads. I think that this region merits further exploration. We drove back to Santa Rosa and prepped animals.

El Portillo de Ocotepeque and Dolores Merendon, Depto. Ocotepeque, Honduras

Jan. 15 We drove on CA4 to the high ridge at El Portillo de Ocotepeque and turned south on the road to the microwave towers in La Reserva Jiiisayote. There have a military checkpoint at the entrance, supposedly to keep woodcutters out, and sent a soldier with us. We drove just past the turnoff to the towers and then walked south along the road. We wanted to take a turnoff to the E that dropped down below 2000 m to get B. cruenta but missed it and never got lower down. We got a M. moreletii and a Norops along the road and quickly got into an area of nice cloud forest with big bromeliads. We opened them from ~12:30 - 14:30 or 15:00 and

Rovito, Sean
2008

Journal

El Portillo de Ocotepeque and Dolores Merendon, Depto. Ocotepeque, Honduras (cont.)

Jan. 15 ... I got a Bolitoglossa synoria in a medium sized bromeliad in good forest, the last one I opened. I think that it is only known from the nearby Cerro Pital on both sides of the border. We must have been too high for B. granti. Although he was friendly and helped look for lizards, our soldier seemed anxious to get back, so we left and drove N of CA4 towards Fraternidad from just E of the pass, and then took the turnoff to Dolores Merendon. This area was extremely cut over, but obviously had some really nice pine-oak and liquidamber forest in the past. We finally found a small patch of forest, maybe 1 ha. total area, with big trees and many bromeliads. We searched from 16:30-18:00 and I got a juvenile B. granti in a bromeliad. I spent the last 30 min raking through leaf litter around the big trees looking for Oedipina, with no success. On the way back, we stopped at a ditch 6.4 km N of CA4 where a lot of Rana berendorum and Bufo coccifer were calling; we collected 2 of each, mostly to test for chytrid. Spent the night in Santa Rosa de Copán.

Finca la Bendición, above Jacapa, Depto. Jacapa, Guatemala

Jan. 16 We left Honduras through El Florido and went up towards Finca la Bendición, where we tried but failed to get to on Jan. 3. The road had dried out and we drove all the way there (not far past where we stopped last time).

Kurto, Sean
2008

Journal

Finca la Bendición, above Zacapa, Depto. Zacapa, Guatemala (cont.)

Jan. 16 ... We talked to the manager, Carlos Pérez, and he told us that the owner, Don Vicente Franco Leonardo, lives in las Raguas, Zacapa. The finca grows coffee and has some forest apparently set aside by the Instituto Nacional de Bosques (INAB). We walked uphill through pasture for ~10 min and got to the edge of what seemed to be primary forest with some big broadleaf trees and lots of bromeliads, very much like at La Unión, Zacapa. We searched in bromeliads from ~15:30–17:00 and got 2 B. rufescens and 2 juvenile B. conanti, as well as a species of snake from a bromeliad that we couldn't identify. This seems like an ideal area to look for Cryptotriton monzoni. I walked uphill to ~1450m or 1500m where there was some short, thin bamboo and more bromeliads. We ran out of time and had to leave, but hope to return here in the future for the joint NVZ-MVSHNAT trip.

Kostos, Sean
2008

Journal

Tuxtla Gutierrez to Comitan, Chiapas, Mexico

March 21 We arrived in Tuxtla Gutierrez at 13:00 after a long overnight flight. Waited a long time for the rental car and got a truck with no 4WD, since they hadn't kept the car we wanted, which apparently wasn't 4WD either. We drove through San Cristobal and south to Comitan. We stopped at the Laguna Chamula microwave tower, ~2Km W of the highway between San Cristobal and Comitan. We continued just past the towers and spent ~30min opening bromeliads before it got dark. We opened about 10-12 bromeliads, which were rather dry inside, and I found a small green hylid in the first one I opened. We spent the night in Comitan.

Lagos de Montebello, Chiapas, Mexico

March 22 We drove to Parque Nacional Lagos de Montebello and continued ~0.5Km on the road to Tziscao, where we turned right onto a good dirt road. We stopped a short distance down the road and began to open bromeliads in a pine-oak forest with lots of vines and a scrubby understory (presumably secondary forest). I quickly got a juvenile salamander with fully webbed feet and a speckled venter - it looks to be either B. hartwegi or the elusive B. stuarti! We searched from 10:30-12:50 and got a total of 2 adult males and 7 juveniles, all in bromeliads. They really look like B. hartwegi to me, but I have IDed 2 salamanders from here in the ECOSUR collection as stuarti. The adults have some red-brown areas at the base of the tail, and several of the

Ruiz, Sean
2008

Journal

Lagos de Montebello, Chiapas, Mexico (cont.)

March 22 ... juveniles also have extensive red coloration. The juveniles could be B. rufescens, as several of them have coloration typical of that species. All appear to have triangular toes and broad feet. The forest here has some dry elements, including large spiky agave-type plants, and is not like other Isthmian habitat due soon. We went to search at Laguna de Montebello, but it was overrun by vacationing Mexicans and the forest didn't look good, so we only spent about half an hour opening bromeliads and turning logs. We drove back and parked 1.7 Km from the park entrance at the intersection of the highway and a dirt road. We walked up the road through a pine forest with some liquidamber and opened bromeliads from 14:00-15:45. I got 2 more juvenile Bolitoglossa. Finally, we went into the park itself and spent ~25 min opening bromeliads, but good habitat was sparse and we found nothing more. We drove back to Comitan and spent the night there.

Laguna Chamula microwave tower, between Comitan and San Cristobal, Chiapas, Mexico

March 23 We drove from Comitan back to Laguna Chamula and searched from 11:15-13:00. We walked past the towers and across a small cleared area to a patch of decent oak forest and opened many bromeliads (perhaps 100 or more) but found nothing. Habitat destruction for charcoal continues unabated here, and the forest is rather open. I think it's possible that habitat alteration may have made it

Kurto, Sean
2008

Journal

Laguna Chamula microwave station, between Comitan and San Cristobal, Chiapas, Mexico (cont.)

March 23 ...too dry at times for the salamanders. We then drove east from the highway towards Natilton, where good-looking forest with no bromeliads turned into fields and Zapatista villages. We drove past an area with a few bromeliads and then the habitat turned to scrub forest, without a big tree in sight. We drove a couple of guys to San Luis, at the end of the road, and then went back about halfway. We stopped in an area with a few trees and opened about 15 bromeliads for ~30 min, about 10.5 Km (by road) from MX190 (the highway to San Cristobal). We found nothing, but could see some mountains to the north of the road which seemed forested. We drove on to Tuxtla, and met Antonio and Nora at the Best Western, where we stayed. 16.49516°N, 92.22825°W [WGS84, 6m acc.], 2272m elev.

El Triunfo Biosphere Reserve, Chiapas, Mexico

March 24 We left Tuxtla at 8:45 after hitting the breakfast buffet and drove to Jalatenango, in the dry central depression of Chiapas. We then drove west uphill towards Santa Rita and past a large abandoned coffee finca, Finca la Brusia, to the end of the road. Four mules were waiting for us, and we let them carry our bags as we walked uphill towards the field station at El Triunfo in the Reserva de la Biosfera El Triunfo. We started in coffee fields and then went through pine and liquidamber forest. The forest was in great condition above the coffee area

Kaito, Sean
2008

Journal

El Triunfo Biosphere Reserve, Chiapas, Mexico (cont.)

March 24 ... with lots of big trees. Above about 1900 m the forest changed to a "mesophyllic montane forest", or what looked like cloud forest to me. We started to see small bromeliads on the trees and moss, and it began to rain. We continued uphill to ~2200 m and then descended to the camp at ~2000 m. I opened a single bromeliad on a dead branch of a log and found a small [redacted] *Bolitoglossa franklini nigroflavescens*, which was black with yellow-brown spots on its back which formed 2 vague stripes. We arrived at the camp just before dark, so it took us about 3 hrs with a 30 min break in the middle. After dinner, we went along streams near the station looking for frogs for Antonio's project. We (Juan Carlos) and I went downstream from the camp and started finding frogs as soon as we got into the forest vegetation. We searched from 20:30-22:30 and found about 15 *Plectrohyla sagorum*, 1 *Hyloscirtus euthysanota* and a female *Norops sartorii*, all of which were on vegetation except for 1 *Plectrohyla*. We could hear lots more frogs calling, and Juan Carlos saw a water rat ("una rata de agua") that jumped into the stream. The vegetation was wet, since it had rained, but overall it seemed dry underneath our objects and in the leaf litter, and we saw no more salamanders. The night was cloudy and rather cool, with some wind.

ca. 2.5 Km from camp

arto, Sean
2008

Journal

Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico.

March 25 We woke up around 8 and left camp around 09:30, heading downhill on the same trail we came up on yesterday. Bromeliads were abundant near camp, but the reachable ones were quite small, and we had no luck. We then got separated from Ted and Juan Carlos, who headed up the trail to Cerro El Triunfo. Juan Carlos collected a completely black Bolitoglossa franklini nigroflavescens under a log (15.39052°, 92.49139°, 2200m elev.), and saw a Cerrophidion godmani and a Drymobius. I climbed a medium sized tree and got 3 big bromeliads about 0.5km on the path from the station (15.65920°N, 92.80815°W [WG584, 25m acc.], 2018m elev.). One of these, which was exposed to the sun on a dead branch, had an adult B. franklini nigroflavescens in it. We walked downhill further into an area where the only bromeliads were very high up in the trees. We continued downhill to an old landslide scar, and I cut down a big bromeliad on a branch overhanging a near vertical slope. After retrieving it, we shook out an adult Dendrotriton xolocalcae, which looked indistinguishable from D. bromeliacius to me (15.66535°N, 92.80337°W [WG584, 19m acc.], 2058m elev.). This was about 2km down the path from camp. We kept going for about a km more and then turned back. We saw a horned guan (el pavón) along the path, plus a lot of small birds. I got a few bromeliads off the ground on a steep slope, one of which had 2 juvenile D. xolocalcae.

Ivito, Sean
2008

Journal

Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico (cont.)

March 25 ... I got a very big bromeliad that had fallen but was still upright and attached to the branch, and it had another juvenile Hendrobiton. We stopped looking at this point (about 14:30) and walked back to camp for lunch. We met Ted on the way back, who had only found small bromeliads and no salamanders. We had opened only about 15 big ones from the point where I got the Bolitoglossa, since the good ones were hard to reach. After lunch, Antonio and Flora swabbed the frogs from last night while Gabriela, Ted and I took the path up towards the ridge dividing the Pacific and Central Depression drainages. We got a great look at a big horned guan along the way - it really is a spectacular bird, if a bit odd-looking. We found only about 4 reachable bromeliads and no salamanders. We climbed up to the divide, from which we could see the Pacific Ocean in the distance. We turned back for dinner at this point. After dinner, all of us but Ted went to look for frogs with Antonio. We went along the stream behind the station kitchen and searched from 18:30PM to around 10PM. We saw about 10 Plectrohyla sagorum, but nothing else. Antonio and Flora continued to look but I turned back. The day was partly sunny and the night was clear and cool.

Zorito, Sean
2008

Journal

Campamento El Triunfo, Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 26 Ted woke us all up at 6:20AM, very anxious to go find a *D. xolocalcae*, since he didn't get to see one yesterday in the field. We reluctantly got going by 7:30, after we insisted on having breakfast and coffee in a relaxed manner. We walked down the same trail towards the cars, past the point where we worked yesterday. We opened a couple of bromeliads that I had to climb up to get, but they were few and far between. We tried walking down the path further, but didn't find a better area. We took a trail from the start of the zona nucleo to the NE, but only found 1 bromeliad. Antonio and Juan Carlos continued after the path ended in an attempt to reach the pine forest lower down. I climbed up in a small tree and with a big effort (almost breaking the bromeliad cutter), we got the bromeliad down and found a juvenile *D. xolocalcae*. We worked our way back slowly, opening the very few bromeliads we found by walking off the path, but we found nothing more. We only opened about 15 good bromeliads up to this point. Ted went off to the ridge NE of the camp and found 3 *B. franklini nigroflavescens* in the 15 bromeliads he opened.

15.67472°N
92.79661°W
[WGS84, 43m acc.]
2011 m elev.

Dali, Nora and I walked ~15 min up the Cerro El Triunfo trail and opened about 20 bromeliads, most of which had fallen out of trees already. This area had many good bromeliads, but we found nothing and returned to camp at 16:00. Antonio and Juan Carlos arrived back at camp around 17:30 with 9 *D. xolocalcae*, including 2 adults, which they had found in the cloud forest - pine forest ecotone. They opened about 10 small bromeliads, which had nothing, and 20 big ones, which had all the salamanders.

Lovitto, Sean
2008

Journal

Reserva de la Biosfera El Triunfo, Chiapas, Mexico

March 27 Antonio and Nora stayed at camp to collect tadpoles and Juan Carlos went back to where he and Antonio were yesterday to search for a lost salamander in a bag (which we later found with all the others) while Ted, Gabriela and I started to hike back to the cars. We wanted to stop at the pine forest to look for more Dendrotriton. We walked down to the Mirador Santa Rita where the cloud forest changes to pine and liquidamber forest with lots of small bromeliads. I opened 3 big, great-looking bromeliads at this spot and got 2 Bolitoglossa that look somewhat like B. occidentalis (15.68451°N, 92.79479°W [WGS84, 6 m acc.], 1777 m elev.). They were somewhat more blotched on the dorsal side and had light speckling on a fairly dark background on the venter. The forest here was fairly open, with some grass and aroids on the ground. We walked down further and opened many small bromeliads, but found nothing in them; they were dry except in the very center. I opened a total of about 6 big bromeliads and about 20 or more small ones and got 1 more adult female Bolitoglossa (15.68735°N, 92.79325°W [WGS84, 20 m acc.], 1700 m elev.) in a big bromeliad. I met Gaby at the junction with the Ejido Santa Rita trail (15.69102°N, 92.79256°W [WGS84, 8 m acc.], 1484 m elev.). She and Juan Carlos had found 7 more Bolitoglossa in big Heliconia plants. We looked a bit more here and they got 3 more, Ted got 1 and I got 1. Their coloration varies but all are brown-red to tan with fairly dark undersides. We hiked out and drove back to Tuxtla. Things I forgot - I got a dead Elaphis on trail near camp. S.C. got a juv. nigroflavescens where he and Antonio found all the Hendrotriton.

Roito, Sean
2008

Journal

Area N of Pueblo Nuevo Solistahuacan, Chiapas, Mexico

March 29 We left Tuxtla around 15:30 yesterday, after dealing with all our specimens from El Triunfo. We drove north to Pueblo Nuevo Solistahuacan, and stayed at the Siempre Verde cabañas, just south of town. They have 4 ha of very nice liquidambar and pine forest. We arrived around 17:30 and opened 8 or so nice, big bromeliads in the forest until just after it got dark, but found nothing (17.14348°N, 92.88740°W [WGS84, 19 m acc.], 1611 m elev.). The hotel was full for tonight (too bad - it was nice), so we drove to Pueblo Nuevo (hotel closed), Rayon (no hotel) and finally to Tapilula, where we stayed in a tiny room on the plaza. We drove back to Puerto del Viento, the high point between Pueblo Nuevo and Rayon, and opened bromeliads in a tiny forest patch with 3 big, old trees and some secondary growth. We opened about 20 bromeliads and got 3 B. rufescens, and I got a Aphenomorphus under bark (17.21706°N, 92.96500°W [WGS84, 4 m acc.], 1895 m elev.). It is alarming how deforested this area is - all the flat land is now pasture or milpas, and the only big trees are on nearly vertical slopes above the road. We are here mostly to look for Gymnotriton alvarezdeltoro, but I'm afraid we won't be in good enough forest to find it. We drove towards Rayon and stopped to open about 10 big bromeliads on the ground in pine forest just above the road, and we found 2 more B. rufescens (17.21053°N, 92.97479°W [WGS84, 8 m acc.], 1740 m elev.). We stopped at the C. alvarezdeltoro type locality, a creek next to the road in a canyon, 17.9 km N of Pueblo Nuevo (17.19875°N, 92.99046°W [WGS84, 9 m acc.], 1556 m elev.).

Rovito, Sean
2008

Journal

March 29

Area north of Pueblo Nuevo Solistahuacan, Chiapas, Mexico (cont.)

... The mossy bank where the holotype was collected is still there, and Ted says it looks just like it did the last time he was here. There are some older-looking trees on the slopes above but no bromeliads in sight. We left and turned W on a side road just N (towards Rayón) from this spot. It was also heavily deforested here, but some trees seem to have been left on the steep slopes and hilltops. Ted dropped me off and returned to Tapalula to get the flashlights while I opened bromeliads in isolated trees in mostly cleared cattle pasture from 16:50-18:00. I opened about 20 big bromeliads and found 2 B. rubescens and 12 Plectrohyla (17.19193°N, 92.82756°W [WGS84, 16 meas.], 1730 m elev.). Finally, we returned to the type locality to look for Cryptotriton. We saw many Plectrohyla and Norops (collected 1), but no salamanders. It was dry except near the waterfall from the small reservoir and on the mossy wall near the road where the holotype was found. We searched from 18:30-20:00, and then decided to call it quits, since it was so dry. The weather today was warm and sunny in the morning (and cooler and cloudy in the afternoon. It was a little hard for me to work today, since I think I may have cracked a rib (or recracked, if it's the same one I hurt searching for Hydromantes in 2005) while climbing trees in El Triunfo. It has been hard to use the bromelead cutter, and hurts when I laugh or cough.

Rovito, Sean
2008

Journal

Tapilula to Juxtla Gutiérrez, Chiapas, Mexico

March 30 We woke up early and had breakfast in Rayon. I ordered mondongo, which turned out to be a tripe stew with large bones and gelatinous matter - not bad tasting, but odd in texture and more than I wanted to deal with at 8:30AM. We then drove from Rayon past Pantepec, looking for good forest but finding none. We stopped in an area with a small patch of pine and liquidamber forest 2.7Km W of Pantepec (17.18491°N, 93.06498°W [WGS84, 6m acc.], 1711m elev.). We opened about 15 bromeliads in 30 min and found 4 B. rufescens. We drove back towards Juxtla, stopping at several sites in pine and liquidamber forest around the high point on MX195 between Jitotol and Puerto Cate (17.02180°N, 92.84088°W [WGS84, 5m acc.], 1754m elev.). We opened at least 20 very good bromeliads in this area for ~40 min but found nothing. The forest seemed secondary and some of the bromeliads were in isolated trees, but I still expected to find something. We drove E from Puerto Cate towards Simojovel looking for forest, but turned back at El Bosque, which failed to live up to its name. The only good forest visible was on the sheer sides and ridges of the impressive Cerro La Bolsa - would be great to sample there someday. We drove 1.2Km up a road towards Los Angeles and then parked on a side road and walked up a trail to a remnant liquidamber and oak forest. Some big trees were left, but the understory had been cleared. Working to the sound of chainsaws from 17:00-17:40, we opened ~20 bromeliads and got 6 B. rufescens (17.04259°N, 92.76370°W [WGS84, 7m acc.], 1538m elev.). We gave up, drove back to Juxtla and spent the night there.

Irvito, Dean
2008

Journal

Armando Zebadua, N of Ocozocoautla, Chiapas, Mexico

March 31 We drove out to Ocozocoautla, went 23.2Km N from the north edge of town, and turned left and went 4.3Km more to the small village of Armando Zebadua. Ted and Antonio had found Bolitoglossa rufescens/occidentalis here before. We searched in a grove of good red banana trees for about 1 hour. Ted got 9 Bolitoglossa rufescens/occidentalis and I got 10 and a Ambystoma bandini, all in banana plants. I also got a big Bolitoglossa alberchi under a pile of banana logs and debris. (16.922226°N, 93.48104°W [WGS84; 7 acc.], 924 m elev.). There wasn't anywhere else we could look nearby, so we prepped specimens and relaxed for the rest of the day.

Kurto, Sean
2008

Journal

Allores cabins, Defensores de la Naturaleza station, above San Augustin Acasaguastlan, Sierra de las Minas, Dept. El Progreso, Guatemala

May 27 Yesterday, Ted and I arrived in Guatemala City at 4:30AM. We had meetings at Carlos' museum and with the dean of the University of San Carlos to discuss the memorandum and the project. This took most of the day, and we then drove to the Hotel Longarone, where we spent the night. This morning, we drove to San Augustin Acasaguastlan and met the guards at the Defensores de la Naturaleza offices. One of the guards (Hector) and two policemen came with us in a second truck, and we drove up towards the Defensores field station above Allores. The road started off in thorn forest, which was not in great condition but had some OK spots. We then drove through mixed dry forest, much of which was quite disturbed, above about 1200m. We then passed through liquidamber, cypress and pine forest with coffee planted over many areas, around 1500m. Some stands of liquidamber and pine farther from the road appeared in better condition, and the good bromeliads started in this area and were fairly abundant. We finally got to a community called La Trinidad, where the road became much worse (apparently impassible in winter) and the forest got much better. The pine/broadleaf forest at 2200m gradually transitioned to broadleaf forest, both of which had abundant epiphytes. The second truck had to turn back because the road was slick, but we put on chains and got through with no problem - some of us had to walk up. We finally got to the cabins, which are really nice and would be a good

last * 622

Ruiter, Sean
2008

Journal

Alberes cabins, Defensores de la Naturaleza station, above San Augustín Acasaguastlan, Sierra de las Minas, Depto. El Progreso, Guatemala (cont.)

May 27 ... place to work with a group if we come back. I immediately found a colubrid snake with a yellow venter in front of the cabins under a log. We spent the afternoon from ~15:15-18:00 walking SW from the cabins on 2 trails. The broadleaf cloud forest is absolutely beautiful, with huge trees, tree ferns, and tons of epiphytes. There is also a lot of bamboo in some areas. We searched in bromeliads and logs, but the bromeliads were very full of water. Carlos found a dark juvenile Bolitoglossa inside a small rotten log (15.08439°N, 89.94557°W [WG584, 15m acc.], 2470m elev.), but we found nothing else. I found a Mesaspis moreletii near the cabins on the way back. After dinner, we searched from about 19:25-21:00 on the same two trails and the road. I found a juvenile black Bolitoglossa coming out of a bromeliad on the ground, just below the cabins. Carlos and Ted found a big adult with light blotches on the sides and tail and light speckles on the dorsum, as well as another juvenile (15.08202°N, 89.94628°W [WG584, 7m acc.], 2486m elev.). Both were out foraging, and appear to be the same as the other salamanders. We walked back along the road and found 2 Craugastor of one species with white spots on the nose and 6 Craugastor sp. (maybe not all the same). We did well, although the weather was somewhat dry.

Rovito, Sean
2008

Journal

Alborés cabins, Sierra de las Minas Biosphere Reserve, above San Augustín Acasaguastlan, Depto. El Progreso, Guatemala

May 29 This morning, we hiked from the cabins to Cerro Pinalón. The cloud forest was very nice, with huge trees and dense epiphyte growth and some bamboo, and extended up to about 2750m, where the vegetation changed to conifer forest. Abies and pine were dominant, with some cypress and broadleaf trees. There was a thick understory of shrubs, and several of the same plants I saw in the páramo in Costa Rica. We saw jaguar and tapir prints in mud just at the start of the conifer forest, and heard quetzals just below there. We hiked to the top of Cerro Pinalón to where a small house and an antenna are), and searched unsuccessfully in logs for ~20 min in secondary pine forest (15.08123°N, 89.92078°W [WGS84, 8m acc.], 2902m elev.). On the way up to this spot, we caught a huge Corraphidion godmani that was basking. This area reminds me of the spot near Huehuetenan, San Marcos where we found P. rex. It seems possible that a high elevation salamander lives in this pine-fir forest. We walked down another old road through good mixed conifer-broadleaf forest for ~30 min more and searched in some logs but found nothing. We walked back to the cabins, ate lunch and swabbed and photographed the animals we had collected. We realized we had forgotten the formalin after killing the reptiles, so we used ethanol for these and kept everything else alive. I briefly felt very sick but decided to go with

Rovito, Sean
2008

Journal

Albores cabins, Reserva de la Biosfera Sierra de las Minas, above San Augustín Acasaguastlán, Depto. El Progreso, Guatemala (cont.)

May 28 ... Carlos, Jacobo and Héctor to La Peña del Angel while Ted, who also felt sick, stayed at the cabins. La Peña del Angel is a pair of huge rocks that gave us a great view of the forest in all directions, as well as Cerro Pinalón and San Augustín. On the way back, we opened about 8 bromeliads just below the Peña and found 1 juvenile black Bolitoglossa. We walked back along the road and opened a few logs, and I found a slightly bigger Bolitoglossa inside a rotten log. It had [redacted] pale spots on the sides just like the adult Carlos found last night. It rained briefly and lightly before sunset and was quite cool all afternoon. After a late dinner, we searched on the road and the trail below the cabins from 20:30 - ~22:00. Ted went ahead of us and saw nothing. Carlos, Jacobo and I found a large juvenile and an adult Bolitoglossa on wet leaves above the ground (15.08238°N, 89.94676°W [WGS84, 8m acc.], 2562m elev.). We also collected 3 Craugastor (1 on road, 2 on trail) and saw about 4 more, some on low vegetation. Conditions seemed very good for amphibians, and I was surprised that we did not see more amphibians, especially some hylid frogs. The temperature was warmer tonight and the sky was clear. It seems like there must be more species here than we have found, but I think we've made a good start.

Rovito, Sean
2008

Journal

La Unión, Depto. Zacapa, Guatemala

May 30 Yesterday, we drove out of the Sierra de las Minas and tried to reach Chelemhá by way of Tucurú. It rained all day and we made it to the turnoff from the main road from Tucurú, about an hour drive from Chelemhá. The road here was very muddy and we got stuck, at which point we realized that the plastic mud chains we had were worthless. We put the metal ones on and eventually got out, with some help from a local man. We decided to turn back and made a long trip back to the hotel near Río Hondo. The forest on the way to Chelemhá is badly degraded or completely gone.

We drove to La Unión, Zacapa this morning and searched in the forest near the high point on the road SE of town from 13:00–16:00, but found nothing. The bromeliads were full of water so we focused on logs and leaf litter. There were many birds singing, none of which I could identify. We came back after dark and searched in the forest with lights from 18:45–20:15 in the rain. I found a Gonyosoma (which escaped) and then a Boiliogloss coranti on a tree, and saw 2 small rodents. Carlos then found a Cryptotriton mongoni walking on the ground! I cannot believe we finally found this species after five tries. I quickly found another 2 walking up mossy tree trunks, one near the base of a larger tree and one at about eye level on a smaller tree. Carlos also found 2 more on tree trunks. All the individuals we found were small to very small, but appear to me to be adults. They have grey ventral coloration like C. veraepacis or C. nasalis and at least 1 has a light

Koito, Sean
2008

Journal

La Union, Depto. Zacapa, Guatemala (cont.)

May 30

... brown spot on the dorsum behind the legs (sacrum) on a dark brown (maybe a chocolate brown) background. There are also light brown areas behind the eyes and along the dorsal surface of the inner part of the legs. There is some gular mottling of a pale color on the grey base, but less than in C. verrucosus. The sides also have many specks of a pale color, while the venter is uniformly dark. There is a rather indistinct light brown dorsal stripe that extends from behind the front legs to just before the hind limbs. Ted and Jacobo didn't find anything. We left to eat churrasco in big flour tortillas (delicious!) in La Union and picked up some Engystomops and Smilisca calling from ditches along the road just below La Union. Our experience today makes me think that maybe C. monzoni is not a bromeliad specialist, as we thought, and that it may pass the dry season underground and has now come out due to sustained rains. We saw a mouse opossum driving back down to La Union as well. This site seems like a very important one to conserve, and the forest is still in good shape.

Rovito, Sean
2008

Journal

Dry forest near San Nicente, Depto. Bacapa, Guatemala

May 31 We prepared specimens all morning and then drove to meet Daniel Ariano, the scientist at Bostrapic who manages the *Heloderma horridum* project, in San Nicente. We drove out of town and up a river bed (dry) in the rain to a site with mixed dry forest and thorn scrub that he hopes to acquire for *Heloderma* conservation. The site has a mosaic of dry and thorn forest and appears to be in great condition. We then drove to a nearby site and radiotracked a *Heloderma*, "Sultan", to a motmot burrow. It was spectacular to see this animal in the wild, even if we cheated a little by tracking it. We then walked back in the dark and drove back to Guatemala City. We caught a *Bufo* and an *Agpidoscelis* motagua at the *Heloderma* site.

Cerro Miramundo, Jalapa, Guatemala

June 1 Ted, Gustavo Ruano and I drove to Cerro Miramundo, Depto. Jalapa, arriving at 15:00 (it took a while to get organized this morning). We walked past the antenna in Miramundo to a nice oak forest. It had been logged in the past but many big trees with lots of moss and some bromeliads were left. It was foggy, windy and rainy. We searched in logs (some very good) from 15:00–17:00 but found nothing.

Rovito, Sean
2008

Journal

Cerro Miramundo, Hepto. Jalapa, Guatemala

June 2 We spent the morning in Antigua with Gustavo. We then picked up Carlos around 17:00 and drove back to Cerro Miramundo in a heavy rain. We started searching in the same area of oak forest past the antennae that we searched yesterday. Visibility was minimal and we never quite got to the best spot we saw yesterday, but we searched in good areas with big oak trees from 19:30-22:00. Carlos, Gustavo and I stayed together and collected 13 B. moria between us (I also saw 1 more), mostly on the trunks of big oak trees but also on smaller trees and big leaves. The B. moria here are more brown in color than elsewhere and have orange-red spots on the sides of the body and underside of the tail, sort of like the salamanders we got at the Allores cabins in the Sierra de las Minas. We met Ted, who got separated from us and found nothing, back at the car. Although conditions seemed great for salamanders with the rain and mist (which has now continued for several days without much pause), we saw no P. expectata. I fear that this species may be extinct.

Rovito, Sean
2008

Journal

San Agustin Acasaguastlán, Depto. El Progreso, Guatemala

July 2[redacted]3 We started our joint MVZ-MUSHNAT expedition to the Sierra de las Minas, having given talks at the Universidad de San Carlos and met with the people from the school of biology. The following people came: MVZ- me, Ted Papenfuss, Craig Moritz, Kauri Bowie, Nance Nredenburg; MUSHNAT: Carlos Vásquez, Sergio Perez, Erio Cano, Bianca Bosarreyes, Rosa Jimenez, Jacobo Conde. We drove to San Agustin Acasaguastlán and stayed at the Turicentro Guayan, on the outskirts of town. We quickly went to the garden and found a bunch of stuff, including Bufo marinus, Basiliscus vittatus, and Anatodes albogularis. Kauri and Rosa set up nets and caught 3 Turdus grayi while Carlos, Jacobo, Nance and I drove about 45 min up towards the reserve to the forested stream where we repaired a flat tire in May. The stream had lots of water and the forest in general was rather wet and seemed great for frogs. We searched for ~45 min, up to a point ~200 m from the road where the stream emerged from the ground in some very nice forest (broadleaf). We found 1 Craugastor, 1 Rana vibicari and 1 Rana berlandieri. Heading down, we were stopped both by the police and by a band of shotgun-wielding vigilantes. Back at the hotel, we got a S. brandinii, 2 Leptodactylus melanonotus and 2 B. luetkeni near the stream in ponds. Sergio caught ~40 bats in mist nets in the same area. The day was hot and partly cloudy, but it didn't rain.

Ferrito, Sean
2008

Journal

Las Cabañas, north of La Trinidad, Reserva de la Biósfera Sierra de las Minas, Depto. El Progreso, Guatemala

July 24 After taking a long time to organize everyone in San Agustín and pack our things, we started our trip to the Sierra de las Minas. We drove up to La Trinidad and loaded all of our gear onto 8 mules. We hiked up in groups - I started with about half the group but ended up with only Nance and our 2 policemen, who we were required to take. Nance, Rauri, Bianca, Rosa and I started opening bromeliads as soon as we got to good pine forest, about 0.5 Km from La Trinidad. We found an adult male B. helmrichi in a large bromeliad almost immediately, but nothing else. As we got to the top of the pine forest, it started to rain hard and we stopped searching in bromeliads and walked up to the top. One of the policemen found a B. mosis on the way up, close to the cabins. We got set up, made dinner while it rained heavily, and then went out with lights after dinner. We walked a loop on the trail from the cabins down to the road and then up the road back. Craig and Ted went together and found 4 Craugastor, 2 of which were very small. Carlos, Jacob, Nance and I found many Craugastor, and collected 7 of at least 3 species, including C. brocchi. I found a Dolichoglossa melicana crawling up a tree trunk ~2m off the ground in the cloud forest - it is absolutely black. We also found 3 B. mosis on ferns along the road. It was not raining while we were out but was still very wet in the forest, so conditions were perfect for amphibians. We searched for about 2 hours.

Tarito, Sean
2008

Journal

Las Cabañas, N of La Trinidad, Reserva de la Biosfera Sierra de Las Minas, Depto. El Progreso, Guatemala

July 25 I woke up early to put up mist nets with Kauri, Rosa and Craig. After breakfast, Craig, Ted, Carlos, Jacobo, Nance and I walked down the path to the Piedra del Angel. On the way, we passed Eric, who had found a B. mório inside a log while looking for beetles. After catching a few Scelporus on the Piedra, where we saw a lot of white-collared swallows, we worked our way back to the cabins, searching in some great logs and under debris. Craig found a B. mório under a small piece of wood, while the rest of us found nothing. We spent about 3 hours searching in total. Forgot to mention that Craig found an adult C. godmani in the clearing near the cabins this morning, and then we caught 5 M. moreleti, 6 Scelporus taeniocnemis and a Coniophanes. We spent the afternoon numbering and swabbing everything. Meanwhile, Sergio caught a few Reithrodontomys, Peromyscus grandis,

Kauri got quite a few birds as well (will list at end of trip), and spent most of the day pressing birds with Rosa. We went back out at night and Craig, Ted and I went up towards Cerro Pinalon while Nance, Carlos and Jacobo did the same loop as last night. It was sunny all day and clear at night, so the forest was dry. We didn't go far up since it didn't look good, and saw only 2 or 3 Craugastor in 1 hr of searching. The others did the same loop as last night and found 3 B. mório, all on ferns along the road. We got a hummingbird and a phyllostomatid bat out of one of the nets on the way back.

ivito, Sean
2008

Journal

Cerro Pinalon, Reserva de la Biosfera Sierra de las Minas,
Depto. El Progreso, Guatemala

July 26 Craig, Ted, Carlos, Nance, Jacobo, Rosa, Hector and I walked towards Cerro Pinalon, and started searching in some superb logs and big piles of bark, without any success. We left at 09:00 and started searching around 09:30. Once again, we passed Enio on the trail and he had found 3 B. mario inside logs while searching for beetles. We stopped at Cuatro Caminos and I found a M. moretii under a rock. Nance found a snake (either Conophanes or Chapinophis) under a log walking on the road towards the towers. Ted, Carlos and I walked farther along the road while the others went up the trail towards the towers. They got a big C. godmani in the same pile of boards just up the trail from the road, in the same spot where we found one last time, and Ted got another M. moretii at the junction of the trail and the road. I found another Conophanes or Chapinophis in a small rotten log and a juvenile C. godmani on sunny rocks. We searched until 14:00, including 30 min for lunch. Craig, Nance and I then spent 40 min searching in moss in an extremely mossy area of for forest. The others went up the road in the opposite direction as the towers from Cuatro Caminos, towards Estancia de la Virgen. Carlos found a huge female B. mariana under a log. We all headed back down to the cabins at ~15:30, and spent the rest of the afternoon numbering and swabbing. Raul found another juvenile C. godmani in front of the cabins. It was sunny all day, so we didn't go out at night to search.

arto, Sean
2008

Journal

Las Cabañas de Allbores, Reserva de la Biósfera Sierra de las Minas, Depto. El Progreso, Guatemala

July 27 We packed everything up this morning, loaded the mules at 10:00, and got going on the trail down at 10:30. We went through the cloud forest without searching much and only started looking in bromeliads when we reached the pine forest around 2300m. I found a juvenile B. helmrichi in a medium-sized bromeliad on a pine tree, which wasn't very wet since it was tipped to the side slightly. Most of the other bromeliads were filled with water. Nance, Craig, Kauri, Ted, Carlos, Bianca and I searched in bromeliads and logs from ~11:00-14:00 without finding anything else. This site looks like it should have Cryptotriton, and would probably be much more productive in the dry season. We had lunch at Finca La Fortuna (La Trinidad), where the cars were parked, and Carlos caught a [redacted] Leptophis modestus. We drove down the road to a nice patch of liquidamber forest and searched in huge but very wet bromeliads for ~30min ([redacted]7 people, 15.05861°N, 89.93621°W [±10m], 1711m elev.). Carlos found a Ptychohyla hypomyster in a bromeliad; again, this area seemed like it would be much better for salamanders in the dry season. B. helmrichi and Cryptotriton should be here. We drove back to the Fuiventro Guayabo in San Agustín Acasaguastlán and had a very long discussion on Guatemalan biogeography, involving lots of rum and resulting in a framework for future cooperation and research.

Corito, Sean
2008

Journal

La Unión area, Depto. Zacapa, Guatemala

July 28 We spent the morning and early afternoon preparing the many specimens we have collected thus far. At 15:00, 2 cars set out for La Unión, Zacapa with to goal of visiting the cloud forest there and searching at night. We were told that the road was open despite major landslides a week ago in the area. We nearly reached La Unión, only to find that a major landslide and river were blocking the road. We found some nearby coffee farms and searched in bananas and a few logs from about 17:30-18:15. Most of the bananas were the not good green kind, but there were some red ones (guineos morados). Carlos and I each got 2 B. rufescens, but one of mine escaped when I went to look for Craig & Nance to show them; all were in red bananas. I also found a juvenile Sphenomorphus under some banana leaves. We drove back towards Jutiapa and stopped at a ditch for Nance to swab Engystomops, 23.9 km by rd from Jutiapa. Carlos found a small DOR B. thoracica asper. We continued on 0.4 km to a larger temporary pool, where we found/heard many Leptodactylus melanonotus, S. staudinii, Rana berlanderi, E. pustulosus, B. valliceps and maybe a microhylid (only heard call). Carlos got a Cnemidophorus along a nearby stream, and Nance saw an armadillo in the bushes. We had an excellent dinner at Restaurante El Jardin in Jutiapa, and got back to San Augustin around 23:30. 8 of us went on the trip to La Unión, while Kauri and Rosa stayed behind to net and prep birds. The day was hot and clear.

Virto, Sean
2008

Journal

San Agustín Acasaguastlán, Depto. El Progreso, Guatemala

July 29 Ted, Craig, Carlos, Jacobo and I searched for *Ctenosaura palearis* in monte espinoso S of San Agustín from 09:00-09:45, but saw only lots of *Aspidoscelis motaguae*. Kevin and Rosa spent one last morning with the mist nets, and then we packed up. Kevin, Craig and Nance left for the airport a little ahead of the rest of us. It has been a spectacular trip, and I hope that it will not be the last trip here for many of us. Our total species list is as follows (H = highlands, L = lowlands):

Herps:

B. moria (H)
B. melina (H)
Craugastor (3 spp.) (H)
Craugastor (1-2 spp) (L)
B. rufescens (L)
Leptodactylus melanonotus (L)
Rana berlandieri (L)
R. vaillanti (L)
B. marinus (L)
Bufo luetkeni (L)
B. valliceps (L)
Smilisca baudinii (L)
Engystomops pustulosus (L)
Corythomantis godmani (H)
Ptychohyla hypomycter (H)
Coniophanes sp. (H)
Bothrops asper (L)
Leptophis [redacted]*mocdestus* (H)
Aspidoscelis deppei (L)
Mesaspis moreletii (H)
Sceloporus taeniocnemis (H)
Sphenomorphus sp. (L)
Aspidoscelis motaguae (not caught) (L)
Anatodes albogularis (L)
Hemidactylus frenatus (L)
Basiliscus vittatus (L)

Lovitto, Sean
2008

Journal

Reserva Chelemhá, Depto. Alta Verapaz, Guatemala

July 31 Yesterday, we spent a long time organizing in Guatemala City, and were joined by Andrea Paiz, a biology student interested in amphibians. We drove to Cucuá and stayed in a hotel/Christian retreat, run by evangelicals, called Manos de Amor. This morning, we got a pickup that we had arranged to drive us north into the mountains to the Reserva Chelemhá, run by an NGO named UPROBON and run by a Swiss man. There was no forest along the road but the forest at the reserve is in good condition. We stayed in a really nice guest house at the edge of the forest (2000 m elev.) and hiked up to a point on the trail to the mirador (2400 m elev.) and back. We searched in logs from 14:30 - 17:00 but found nothing. The forest above the house looks a lot like the small forest at Finca Volcan and has big trees with scattered bromeliads (a big and a small species) and treeferns. At the highest point we reached, bromeliads were abundant (but full of water) and there was a lot more moss. We had an excellent dinner at the house and then searched along the trail from 20:00 - 22:30. Carlos found a B. helmrichi in front of the house, and we collected 9 more that were out foraging along the trail. Carlos and Andrea found a Craugastor (sueanelis?) and Carlos collected a Cerrophidion godmani. We may be too high here for Nyctanolis, which is the main reason we came here, but it seems like there should be more species of salamanders at this site.

Rorto, Sean
2008

Journal

Chelemhá Natural Reserve, Alta Verapaz, Guatemala

August 1 Based on how wet we found the cloud forest to be yesterday, we decided that searching in the forest by day would not be productive. We went into the village of Chelemhá with our guide, Ernesto, but found nothing but corn and deforested hills. I got a couple of M. moreletii in grass and under rocks and logs. We talked to the village kids about the famous al-al (B. dolleini), but no one brought us one later, although Ernesto brought a black snake (Adelphicos?) from the village. After a late lunch, we walked north over the Montañas de Yaliyix on a trail to Sequixquir. The forest along the ridge seemed more open and somewhat more disturbed than what we saw yesterday on the way to the mirador. On the north side, the forest changes to second growth and scrub (guamil) below about 2000m, and becomes a cornfield around 1950m. We stopped here and began searching at 19:00. There was some nice primary forest in a ravine near the bottom of the forested area, with many small caves in the limestone. This area looked like where I would expect to see Nyctanolis, although its best habitat was probably lower down, where there is no forest left. We searched until about 22:00 and got only 2 B. helmrichi and 7 Gonatodes. The forest was wet and I expected to see a lot more, especially after last night.

Quito, Dear
2008

Journal

Chelemhá Natural Reserve, Depto. Alta Verapaz, Guatemala

Aug. 2 Once again, we decided that searching in the forest by day would not yield results, so we spent the morning preparing specimens. It rained hard in the afternoon, and we left around 17:00 with Ernesto and quickly walked to the mirador. Ted stayed behind to search along the stream near the house. We passed through some beautiful cloud forest with huge trees and lots of moss, and heard a quetzal around 2400m. This forest appears quite different from the forest below in the amount of moss and number of bromeliads it has. We waited for dark at the mirador, where you can see Cobán (we saw clouds) and then started walking down slowly around 19:15. Although the forest was wet and conditions seemed excellent, we saw nothing but many Craugastor, of which we collected 8 adults. We stopped searching carefully at 22:00 and walked back to the house. Ted had searched for about two hours but saw nothing along the stream. It am surprised that we saw no salamanders besides B. helmrichi here, especially given the good condition of the forest. It may be that the most diverse areas of the Sierra de Xucaneb and Montañas de Yalijux were at [redacted] to mid elevations (maybe 1300-2000m) and have now been completely converted to agriculture.

Pinto, Sean
2008

Journal

Parque Nacional Laguna Lachua, Depto. Alta Verapaz, Guatemala

Aug. 3 We left Chelemhá around 09:00 and drove through Tucurú, Cobán and Chisec to Parque Nacional Laguna Lachua, on the Alta Verapaz / Quiché border. We stayed in cabins for researchers at the entrance to the park, near the village of San Marcos. We arrived rather late in the afternoon and had no time to work by day. Although we could see lightning to the west, it did not rain at the park entrance. After dark, we drove along the western border of the park, where we caught a Hendrosophus microcephalus in some grass near a pool of water. We also heard Bufo and Hyla valtrachium fleischmani. We walked along a trail marking the edge of the park and found 4 B. rufescens in ~25m of trail. It had rained briefly here so the forest was wet. We drove back to San Marcos and collected in a shallow marshy area along the road. We caught 1 D. microcephalus (heard many more), 2 D. ebraccata (beautiful!) and 1 Hylarchytla picta. It seems these frogs don't need rain to be active. We drove into the center of San Marcos (such as it is) and collected along another pond, where we got 2 Rana berlandieri, 3 D. microcephalus and 1 Leptodactylus melanonotus, all near the pond or on vegetation above the water. This area must be amazing when there is a big rain. We finished collecting around 22:00. The evening was cool and mostly clear, with no more rain that I noticed.

Kirby, Sean
2008

Journal

Parque Nacional Laguna Lachua, Peten, Alta Verapaz, Guatemala

Aug. 4 We spent the morning prepping specimens (Andrea + I) and turtle trapping (Jed + Carlos). They collected 11 Kinosternon from 2 areas along the road east of the park entrance. We walked to the laguna in the afternoon; along the way, I raked through leaf litter in the buttresses of big trees looking for Gadinia, with no success. We went swimming in the laguna, which was spectacular, and saw many cichlids and a lengfisher (the biggest species here). We then searched a little around the visitors center, where we got a Bufo and a Basiliscus. We also saw an agouti near the visitors center. It was hot and clear all day, but a storm passed over briefly around 18:00 and it rained quite hard for about 10 min. We began walking back through the forest with lights around 19:00. We found 3 B. rufescens, 2 Leptodeira polystricha, an Imantodes cenchoa (all in the trees), a Nina sebae and 2 Dendrophryne elegans (saw 2 more) within about the first hour, when it was wettest and we searched most carefully. We got back to the visitors center around 22:30 and found a small Rana, a Craugastor, another D. elegans, another B. rufescens and another B. vittatus (sleeping) along the way. I heard 3 frogs calling (D. microcephalus, Agalychnis? and one more) that I could not find/catch. Herps seem abundant here, and I wish we had more time, especially since I wanted a B. mexicana from this site.

Rovito, Sean
2008

Journal

Between Concepción Pápalo and Peña Nerde, Sierra de Juarez, Oaxaca, Mexico

Aug. 13 Juan Carlos Winfield Perez, Itzue Caviedes (an undergrad student of Oscar Villas Flores) and I left Mexico City late yesterday and spent the night in Tehuacan. This morning we drove through Teotitlan, to Cuicatlan and up into the northern part of the Sierra de Juarez. We passed through Concepción Pápalo and took the road to Peña Nerde. We camped in a small clearing around the 2400m level and only started searching at 19:30. We searched in rotten logs and under cover objects in a very nice cloud forest with big oak trees, some bamboo and no big bromeliads. I quickly found a juvenile *Pseudoeurycea aurantia* under the bark of a log, and we got about 4 more before it got dark. The salamanders are a dark brown-red color with orangish spots or an indistinct dorsal stripe. We continued to look with lights until 21:30, and found about 15 more for a total of 20. They were out on logs, vegetation and the forest floor, and we found a few at least 1m off the ground. These salamanders appear to be abundant, and I'm sure we could have found more if we had continued searching. Conditions seemed good - the forest was wet and the night was cool and cloudy, although it did not rain while we were there.

Corto, Sean
2008

Journal

Peña Nerde area, Sierra de Juarez, Oaxaca, Mexico

Aug. 14 We drove down from our campsite to about 2200m on the road to Peña Nerde and hiked uphill through broadleaf forest with oak, liquidamber and bamboo. We searched in logs and raked in leaf litter from 11:00-14:00 on a steep slope overlooking Peña Nerde. The habitat seemed OK for salamanders, but we found only 2 Gravgastor. We drove past Peña Nerde, through town and out on a smaller road leading to the village of Ixlaxtac Viejo. I was primarily interested in finding Cryptotriton adelos, so we wanted to find a site between 1500m and 2000m with bromeliads. We found some nice forest with many great bromeliads 4.0 km (dry rd) from Peña Nerde and opened them [redacted] for ~45 min, but they were full of water and we found nothing. It rained heavily for ~20 min after we finished. We drove on to Ixlaxtac Viejo and I found a Gravgastor under a rock along the road. We hiked down past houses to a patch of pine forest above a river, which had many logs, ferns and a few bromeliads - Juan Carlos opened 2 but found nothing. We searched in logs until it got dark, for ~45 min. I dug in a mass of dirt and roots under some ferns around a big pine tree and noticed a tail that seemed about the right size for a Thorius. Despite much searching, I couldn't find the rest of the salamander, so we kept the tail and walked back to the car. We drove back to the area where we had searched in bromeliads and walked along a path starting at the place where the road to Ixlaxtac Viejo branches off. The forest

Ivito, Sean
2008

Journal

Peña Verde area, Sierra de Juarez, Oaxaca, Mexico (cont.)

Aug. 14 ... here is really nice, with big broadleaf trees laden with bromeliads, and was still wet from the afternoon rain. We searched from 21:15 - 23:15 with lights in the forest. I found a Pseudoeurycea juarezi (?) climbing up a mossy trunk ~2m off the ground. I also found 2 adult males of a small brown Chiropterotriton, although Gabriela said none are known from here. One was on a leaf ~1m off the ground and the other was in a clump of bromeliads at eye level. These salamanders were much more active than the Pseudoeurycea and jump like Dendrotriton when disturbed. I also found an adult Craugastor on the ground. We drove back to our campsite and realized that we had a flat tire, which we changed before going to sleep. The night was cloudy and somewhat cool, with thunderstorms nearby while we searched, and it rained from about 00:00-01:00 while we were changing the tire.

Between Peña Verde and Concepción Pápalo, Sierra de Juarez, Oaxaca, Mexico

Aug. 15 We packed up our camp and drove uphill towards Concepción Pápalo, and stopped to search around 2650m. The forest here consists of big, mossy oak trees with bamboo, and seemed great for salamanders. We searched in logs for ~30min and found 5 P. aurantia; I'm sure we could have found many more if we had continued searching.

Rivito, Dean
2008

Journal

Between Peña Nerde and Concepción Pápalo, Sierra de Juarez, Oaxaca, Mexico (cont.)

Aug. 15 ... We continued uphill in search of *F. papaloae* and *P. papenfussi*. We stopped near the border of the broadleaf forest and higher elevation pine forest and searched for ~30 min in logs. We found 2 *P. aurantia* in and under logs as well as 3 *Thorius papaloae* [redacted], all under logs. Again, conditions here seemed great for salamanders. We moved on since we wanted to search at the highest point in the area, but found that all the habitat had been burned some years ago, and consisted of open pine forest with dense scrubby growth. We drove on to a patch of better oak forest and searched in logs for ~30 min but found nothing. We also wanted to visit Cerro San Felipe, so we drove back to Cuicatlan and took the old highway south to Oaxaca. We stopped at the high point before descending down to Oaxaca and searched for about 5 min in bromeliads and leaf litter. This spot seemed like it could have some species of salamander, since the leaf litter was deep and moist, but we found only an alligator lizard. After a long dinner in Oaxaca, we drove E out of the city to La Cumbre de Atepejí, NW of the pass on MX 175, and stayed at the cabins there. We searched in pine forest with lights from 00:00-00:45, but found only a single *G. angustor*. The forest was wet and the weather was cool and misty, so conditions seemed good for salamanders.

Raito, Sean
2008

Journal

Cerro San Felipe, La Cumbre de Ixtepeji, Oaxaca, Mexico

Aug. 16 We woke up fairly early today and searched in logs in excellent pine forest above the cabins from 08:00 - almost 10:00. Juan Carlos searched for an additional 30 minutes after we stopped. I found an adult Thorius (narisovalis?) under a small log, as well as 2 adult and 2 juvenile Gravgastor. Ottine and Juan Carlos caught 2 more Gravgastor, which we released. There were lots of good logs and conditions seemed excellent, but we saw no Pseudoeurycea at all. We had to leave and drive back to Mexico City, since my flight leaves early on the 17th, so we didn't get to search as long as I would have liked.

On road to La Union: List of numbers and swabs

Collector #	Swab #	Species
CRVA 1564	V8G-45	Rana berlanderi
SMRG75	V8G-37	Bufo valliceps
SMRG76	V8G-38	Craugastor
SMRG77	V8G-50	Engystomops pustulosus
CRVA1565	V8G-49	" "
SMRG78	V8G-40	Smilisca bandinii
SMRG79	V8G-41	" "
SMRG80	V8G-42	" "
CRVA1566	V8G-46	" "
CRVA1567	V8G-43	" "
CRVA1568	V8G-44	" "
CRVA 1569	V8G-39	" "
SMRG81	V8G-55	Leptodactylus melanonotus
CRVA1570	V8G-47	" "
CRVA1571	V8G-48	" "
SMRG74	V8G-51	Bufo glossa rufescens
CRVA1562	V8G-52	" "
CRVA1563	V8G-54	" "

11	11	→ 4	1)	Chloroceryle americana	Green kingfisher	L
1111	11	→ 6	2)	Turdus grayi	Clay-colored Thrush	L
1	1	→ 2	3)	Quiscalus mexicanus	Great-tailed Grackle	L
11	11	→ 4	4)	Catharus frantzii	Ruddy-capped Nightingale Thrush	M
1	1	→ 2	5)	Myioborus miniatus	Slate-throated Redstart	M
11	1	→ 4	6)	Basileuterus belli	Golden-browed Warbler	M
11	1	→ 4	7)	Henicorhina leucophrys	Grey-breasted Wood Wren	M
1	1	→ 3	8)	Turdus plebejus	Mountain Thrush	M
11	1	→ 4	9)	Atlapetes brunneinucha	Chestnut-capped Brushfinch	M
	1	→ 2	10)	Myadestes unicolor	Slate-colored Solitaire	M
	1	→ 2	11)	Chlorospingus ophthalmicus	Common Bush Tanager	M
	1	→ 1	12)	Eumomota superciliosa	Turquoise-browed Motmot	L
1	1	→ 1	13)	Seiurus motacilla	Waterthrush	M
		→ 1	14)	Lepidocolaptes affinis	Spot-crowned Woodcreeper	M
		→ 1	15)	Columba radipennis	Ruddy Ground-Dove	L
1		→ 1	16)	Chloroceryle amazona	Amazon Kingfisher	L
1		→ 1	17)	Leptotila verreauxi	White-tipped Dove	L
		41				

Hummingbirds

2	Magnificent Hummingbird - Eugenes fulgens	M
1	Garnet-throated Hummingbird - Lamprolaima rhami	M
2	Amethyst-throated Hummingbird - Lampornis amethystinus	M

Herp list

Salamanders:

	Specimens	Tissues	
✓ Bolitoglossa helmrichi	8	9	~~IIII~~ IIII
✓ B. meliana	1	2	
✓ B. morio	5	13	~~IIII~~ ~~IIII~~ III ~~IIII~~ II
✓ B. rufescens	5	7	

Frogs:

Bufo luetkenii	1	1	
~~Bufo marinus~~	~~0~~	~~0~~	
Bufo valliceps	2	2	II
✓ Craugastor brocchi	1	2	
✓ Craugastor sp.	14	20	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
✓ Dendrophophus ebraccatus	1	2	
✓ Dendrophophus microcephalus	3	3	
Engystomops pustulosus	1	1	
Gastrophryne elegans	2	2	II
✓ Leptodactylus melanonotus	2	2	II
Ptychohyla hypomycter	1	1	
Rana berlandieri	1	4	IIII
Rana vaillanti	1	1	
Smilisca baudinii	4	4	IIII
✓ Tlalocohyla picta	1	1	

Lizards:	Specimens	Tissues	
Ameiva festiva	0	1	
✓ Aspidoscelis deppei	1	1	
✓ Basiliscus vittatus	2	2	II
Gonatodes albogularis	0	1	
Hemidactylus frenatus	0	1	
✓ Mesaspis moreletii	4	6	~~IIII~~ I
✓ Sceloporus taeniocnemis	6	6	~~IIII~~ I
Sphenomorphus sp.	1	1	

Turtles:			
✓ Kinosternon acutum	0	4	

Snakes:			
Adelphicos sp.	0	1	
Bothrops asper	0	1?	~~IIII~~
✓ Cerrophidion godmani	3	6	
✓ Coniophanes sp.	2	4	IIII
Imantodes cenchoa	0	1	
✓ Leptodeira polysticta	1	1	I
Leptophis modestus	0	1	
Ninia sebae	0	1	

B. hartwegi

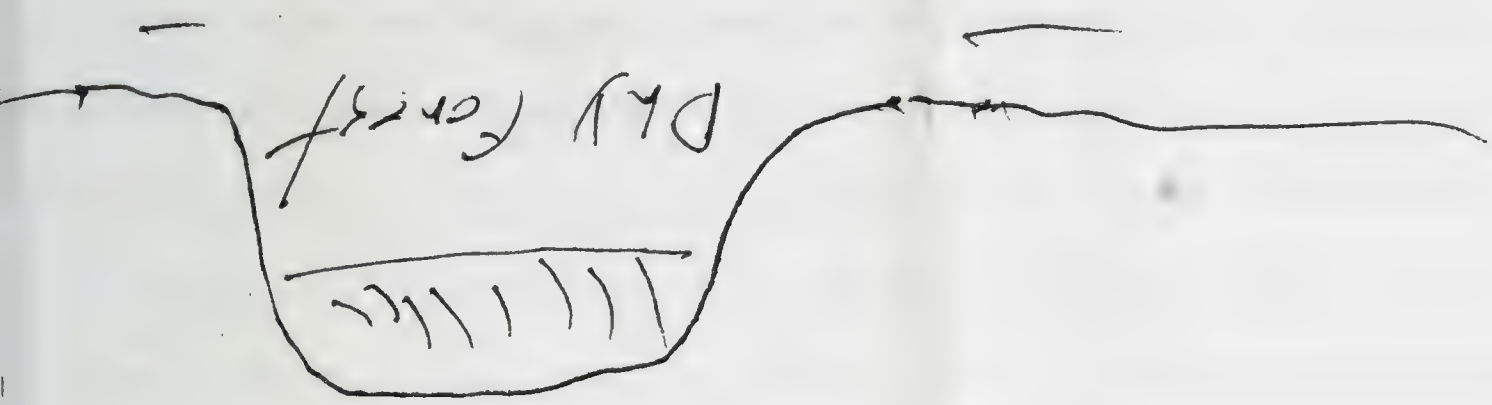
Hwy 186 San Cristobal side of

Pob. Shpuilho

16.70981 N 92.47774 7467'

~ 15.7 from Pan Am.

THEODORE PAPENFUSS



Sean M. Rovito

2007 (Part) - 2008

Photo Log #1040409-1050129

ito, Sean
2007

Photo log

Date	Photo #	Description	
5/10/07	1040409-18	Aneides, Trinity	
	1040424 + 25	Silver Creek, White Mtns.	
7/29/07	0012, 0014, 0016	SMR285, B. mólis	Moromundo
	0017-0029	SMR292, B. helmrichi ?	Chuscás
	0032-0039	CRVA1191, "	"
	10400577-78	SMR292, "	"
	1040579	habitat, Sierra de Chuscás, site where SMR292 found	
7/31/07	0044-45	bunchgrass habitat, Mogollon Ridge	
	0046-47	CRVA1193, Silver	
8/1/07	0049, 54-55, 57-58	SMR298, B. mólis	
8/2/07	0060, 63, 65, 68, 69, 71, 73, 74, 80	CRVA1208, B. rabida	
	0084-87	CRVA1207, B. lincolni	
8/8/07	0098, 103-106, 111, 114	SMR302, B. hartwegi	
	0115-119, 121	Plectrohyla	
	0122-191	Palenque	
	0192-93	church, Ocosingo, Chiapas	
	0194-97	Zapatista village near Ocosingo	
8/9/07	0204-206	Chilón, Chiapas	
8/10/07	0207-209	[redacted] church, Bachajón, Chiapas	
	0210-214, 216	B. sp. (mexicana?), Majaltzemoa	
	0218-19, 223-25	" ", preserved, ECOSUR	
8/11/07	0226-230	Cuicos from La Mesilla	
	0231, 33, 34	western Sierra de los Cuchumatanes	
8/12/07	0235-238	" "	

Lovitto, Dean
2007

Photo Log

Date	Photo #	Description
8/13/07	0241-42,44,46,48-50	SMR314, *B. mexicana* (?)
	0251-56,258	SMR324, *Hyla walkeri*
8/14/07	0260-63	cloud forest near Buena Vista, San Marcos
	0279-80,82,0321,324	SMR357, *D. bromeliacius*
	0325,26	Herman Sanchez, Buena Vista
	0327,28	forest, Finca Chicula
8/15/07	0329-33	Volcan Chicabal
	0334-36	collectors, Las Nubes, Quetzaltenango
	0337,38	forest, Las Nubes, Quetzaltenango
8/16/07	0343,46-47,50	SMR346, *D. bromeliacius*
	0356,58,60-62,65,66	SMR348, *D. bromeliacius*
	0369-73,77	SMR356, *B. lineatrii*
	0378-80,84	SMR354, *B. franklini* (x *lineatrii*?)
	0385-88,92-95,99	SMR364, *Bolitoglossa* sp. "Chicabal"
	0404,05,08,09,12	SMR360, *B. rostrata*
	0416,18-20,26,27	SMR355, *B. franklini*
	0428-31,33-35	SMR358, *P. rex*
	0440-44	SMR342, *B. marin*
	0445,51,52,55	SMR362, *Mesaspis moreletii*
	0459,60	CRVA1206, *Sibon* sp. (?)
	0461-63	SMR338, *Bufo luscowiti*
	0464,46-48	SMR363, *B. luscowiti*
	0469,70,72,73,74	SMR364, *B.* sp. "Chicabal"

Pinto, Dean
2007

Photo Log

Date	Photo #	Description
8/17/07	0475-77	Sierra de las Minas from road to Senahú
	0480	deforestation, Senahú area
8/18/07	0481	view from Finca Nolcán
	0482,8387-90,95,98	SMR366, Agalychnis moreletii
	0499,501,508,510-13,515-20,24,30	CRVA 1242, B. odonnelli
	0537-40	Anantodes anchoa, Finca El Nolcán
8/19/07	0541-45,48,52-59,62,63,66	SMR381, Gymnotriton sp.
	1040605,06,08-14,18,19	forest [redacted] above Finca El Nolcán
	1040616-17	salamander team, above Finca El Nolcán
	1040620,21	view of Finca El Nolcan from above
8/20/07	0567,68	CRVA1262, Leptodeira
	0569-71	CRVA1271, Sibon
	0572,75,77-82	SMR381, Gymnotritón, ventral view
	0583,84	view of forest above Finca El Nolcan from N
	1040622-30	Semuc Champey, Alta Verapaz
8/21/07	0585-0590	CRVA1290, B. mulleri, at site where found
8/22/07	0591,92,96-600	SMR401, B. helmrichi (CRVA1287 or 1288)
	601-604,08-11	B. mulleri, Finca Cuxmox, San Pedro Carchá
	0612,15-20,23,28-30,32-37	CRVA1280, B. dofleini, adult female
	0638-40,49-51,58,61,64,66-71	SMR389, B. dofleini, male adult
	1040631,32	El Salto de Chulasó
8/27/07	0672-79	SMR415, B. conanti
	0680-91	SMR416, B. conanti
	0692-0733	Copán

Kosto, Sean
2007

Photo log

Date	Photo #	Description
8/30/07	0734-36	view from albergue, Buenos Aires, PN Cusuco
	0737,39,40	SMR450, Scolopsus
8/31/07	0741,42,44-53	SMR444, B. dofleini
	075[redacted]6-58,63	SMR443, B. cavanti
9/1/07	0767-70,72,73,81-86	SMR458, B. dunni (in wild)
9/2/07	0790-94,96,97,803,05,06	SMR446, Dendrophylax sprolia
	0807-10	SMR448, Gravgastor chac
	0812,14-[redacted],25-27, 22 29-32	SMR458, B. dunni
	0834-36	
	0838-49,51-54	SMR449, viper (B. triechis marchi)
	0855+0856	Ted + kids, Buenos Aires, near PN Cusuco
	0857-59,60,62-66	B. dofleini, Buenos Aires
9/3/07	08[redacted]67,68,71-74,78-80,83,85,86	B. diaphora, PN Cusuco
	0887-89	PN Cusuco, on road down to Buenos Aires
8/30/07	1040633,36,37	PN Cusuco, forest
9/2/07	1040638-40,43,44	B. diaphora, PN Cusuco > at site of capture
	1040645	SMR485, B. cavanti, PN Cusuco
9/7/07	0890,95-97,99-0906	SMR490, B. mexicana, Lago de Yojoa
	0909,10,15,21,22	SMR458, B. dunni

orito, Sean
2007

Photo log - Costa Rica

Date	Photo #	Description
12/15/07	1040669-78	*Bolitoglossa psephenoda*, Cerro de la Muerte
12/16/07	1040679-80	Cordillera de Talamanca from Tres Colinas
	1040681	Cachí, tried
	1040682-84	oak forest above Tres Colinas
	1040684	forest w/ bamboo where we searched for 1 hr
	1040685	view of cordillera to south from trail
	1040686-88	oak forest on hillside from burned area on trail
	1040689-91	oak forest where 1st *Bolitoglossa* found in bromeliads
	1040692	Guillermo and Cachí, " "
	1040693-97	oak forest along trail to camp 1
	1040698-703	1st *Bolitoglossa*, salamander w/o tail
	1040704-709	1st *Bolitoglossa* sp., salamander w/ longest tail
	1040710-717	" ", salamander w/ tail + more brown color
12/17/07	1040718-19,29,31	mossy oak forest above camp 1
	1040720-22,25-28	vegetation above camp 1 and below páramo
	1040723-24	sampling *Puga* for salamanders
	1040720	small páramo above camp 1
	1040732	view from Cerro Nai toward Cerro Kamak
	1040733-34	view of oak forest from Cerro Nai
	1040735	view down river valley to W from Cerro Nai
	1040736	vegetation on top of Cerro Nai
	1040737-46	*Pristimantis podiciferus*
	1040741-52	*Bolitoglossa* sp. Cachí found in páramo above camp 1
	1040756-63	1st *Bolitoglossa* sp., ind. w/ longest tail + darker color
	1040765-84	" ", ind. with tail and lighter color

Carrito, Sean
2007

Photo log - Costa Rica

Date	Photo #	Description
12/18/07	1040785	Cachí repairing bag, camp 2
	1040786-87	view of Cerro Kamuk from Cerro Dudu
	1040788, 91, 94-95	páramo, Cerro Dudu
	1040789-90	me getting bromeliad, forest on Cerro Dudu
	1040792-93	Guillermo searching in bromeliads, Cerro Dudu
	1040796, 98	orchid along trail in páramo
	1040799-803	site where 2 Bolitoglossa species found, páramo
	1040804	mossy area where I found smaller orange Bolitoglossa
	1040805-06	páramo, near camp 3
	1040807-08	Cerro Kamuk from ridge above camp 3
12/19/07	1040809-10	Camp 3, windy night
	1040811-16	Cerro Kamuk from W
	1040817	Guillermo in high páramo below Cerro Kamuk
	1040818-19	high páramo below Kamuk
	1040820-21	Calceolaria sp., final ascent up Cerro Kamuk
	1040822-26	La Nentana, final ascent up Cerro Kamuk
	1040827, 33	looking N from summit of Cerro Kamuk
	1040828, 29, 31, 32	" E "
	1040830	" S "
	1040834	searching for salamanders on summit
	1040835-37	me with view to NE from summit
	1040838-39	all of us on summit
	1040840	Neurolepis monticola, FB3082
12/20/07	1040844, 46	looking SW on forest from trail to camp 2
	1040847-48	mossy tree canopy along trail with epiphytes that I climbed in Cerro Kaser páramo

Barto, Sean
2007

Photo Log

Date	Photo #	Description
12/20/07	1040849-56	Bolitoglossa sp., Cerro Kasir, FB3080
	1040859-63	clothmolyle picadoi, FB3081
	1040864-66	Bolitoglossa sp., FB3085
	1040867-72	Bolitoglossa sp., FB3083
12/21/07	1040879,80,83,87	" "
	1040893,06	Bolitoglossa sp., FB3085
	1040907-09	Guido, Hugo Solano climbing trees to get bromeliads
	1040910	big dead oak tree w/ epiphytes b/w camp 1 + Cerro Bekor
	1040911	house near La Laguna Seca
	1040912-13	Cachi making guaro cocktails, " "
12/22/07	1050001-06	looking SE from above Tres Colinas towards de El Valle Silencio
	1050007,08	deforested area above Tres Colinas
	1050009-15	B. bramei, FB3098
	1050017-22	Bolitoglossa sp., FB3099
	1050023-25	Bolitoglossa sp., FB3100
	1050026-29	Bolitoglossa sp., FB3097
	1050030-34	clothmolyle picadoi, FB3093
	1050035-39	" ", FB3094
	1050041	FB3077, ventral
	1050042	FB3076, ventral
	1050043	FB3083, ventral
	1050044	FB 3085, ventral
	1050045	FB3097, ventral
	1050046	FB3098, ventral
	1050047	FB3099, ventral
12/23/07	1050048,50	Fila Costeña from Tres Colinas albergue

Kwito, Sean
2008

Photo log

Date	Photo #	Description
1/3/08	0990, 0994	thorn scrub above Bacapa, looking N at S. de Las Minas
	0991-0993	thorn scrub vegetation
	0995-0996	trees in dry forest b/w Bacapa + Penalito
	0997	tree on N slope Quetzaltepeque where B. heirozeias found
	0998-1003	SMR497, B. heirozeias
	1004-1011	CRVA1454, B. heirozeias
note on next page → 1/5/08	1012	Carlos + Gustavo, Finca Firinga in Jose Monzon's house
1/6/08	1013	Jose Monzon's house, Finca Firinga, Sierra de Caral
	1017-1025	SMR501, Anellmanshyla soralia
	1026-1030	CRVA1457, Bolitoglossa dunni
	1033-1036	CRVA1463, Gaigeotor
	1037-1041	SMR500, Bolitoglossa dofleini
	1044-1047	SMR501, Plectrohyla matudai
	1048-1063	CRVA1454, Bolitoglossa heirozeias
	1065-1069	SMR502, Ptychohyla hypomyxter
	1070-1074	CRVA1459, Bromelionyla bromeliacia
	1079-1083	deforested area on way to Morales from Finca Firinga
	1085-1091	view of Sierra de Caral + Cerro Negro Norte from road to Morales
1/7/08	1092-1094	forest at C. nasalis site, mountains W of San Pedro Sula
	1096-1103	SMR506, B. dunni
	1105-1155	SMR505, Cryptotriton nasalis - at site of capture
	1057-1075	" " , in captivity
	1076	" " , water
1/8/08	1077	possum in tree, Montanuela, Depto. Comayagua

Soto, Sean
2008

Photo log

Date	Photo #	Description
1/8/08	1078	gallery forest at Montanuela, Depto. Comayagua
	1079	Montaña El Barcadero, Depto. Comayagua
1/10/08	1180-1182	forest above San Luis de los Planes, Santa Barbara
	1185-1202	SMR520, A. sanctibarbarus, " "
	1206-1211	area where N. linnaspectator found, " "
	1213-1215	karstic landscape N of San Luis de los Planes
	1216-1218	looking up Montaña de Santa Barbara, N side, from San Luis de los Planes
1/11/08	1219-1260	SMR522, N. linnaspectator
	1261-1290	SMR520, A. sanctibarbarus
	1293, 1294, 1301	SMR523, Craugastor laticeps
1/13/08	1307-1311	Pico Bonito area seen from La Ceiba ferry terminal
	1050059-61	bromeliads, CURLA station, La Ceiba
1/5/08	1050052-54	top of Cerro Negro Norte
	1050055, 57, 58	forest, Cerro Negro Norte
1/14/08	1313-1314	SMR530, Lophorodactylus
	1315-1316	SMR527, Phyllodactylus palmeus
	1317, 1318	forest near Belen Gualcho where B. corvanti found
	1319-1323	Belen Gualcho where B. bromeliacia found
	1324	tree with bromeliads above Belen Gualcho
	1325	view of Reserva Cracopa from site where B. corvanti found
	1326	bromeliads, Cerro Yorocante, near site " "
	1328-1332	SMR537, Bromeliophryne bromeliacia
1/15/08	1333-1337	Santa Rosa de Copán
	1338-1345	Reserva Biológica Alisayate, near El Portillo de Ocotepeque

Rovito, Sean
2008

Photo Log

Date	Photo #	Description
1/15/08	1347-1393	SMR541, *Bolitoglossa synoria*
1/16/08	1395-1397	forest edge, Finca la Bendición
	1398-1401	forest, Finca la Bendición
	1402	deforested area below Finca la Bendición forest
	1403-1431	snake, Finca la Bendición
3/2/08	1435-1437	*H. brunus* habitat, Bear Creek tributary
3/10/08	1438-1452	landscape, Fay Ranch at Kern River preserve
	1453-1458	SMR561, *Ensatina eschscholtzii croceater*
3/22/08	1461-1463	Laguna Montebello, Semana Santa vacation
	1464-1468	Parque Nacional Lagos de Montebello, Chiapas
	1469-1495	SMR563, *Bolitoglossa stuarti*

Lovito, Sean
2008

Photo Log

Date	Photo #	Description
3/23/08	1001497-1524	SMR563, *Bolitoglossa stuarti*?
	1001525-33	Comitan, plaza central
	1001534-36	Zapatista school, road to Natitlán
3/25/08	1001537-40	El Triunfo, site where first *Dendrotriton* found
	1001541-43	pavon, El Triunfo
3/25/08	1001544-68	AMA2482, adult *D. xolocalcae*
3/26/08	1001574-79	Campamento El Triunfo and surrounding forest
	1001580-1606	AMA 2482, *D. xolocalcae*
	1001613-1625	*B. franklini nigroflavescens*, AMA2484
	1001627-1639	" ", SMR574
	1001641,42,48	AMA2478 or 79, *Plectrohyla sagorum*
	1001649-65	AMA 2480, *Ptychohyla euthysanota*
3/28/08	1001666-1771	AMA2501, *Bolitoglossa occidentalis*
	100[illegible]1712-1723	AMA2507, " "
3/27/08	1050062+63	Mirador Santa Rita, forest where 1st *B. occidentalis* found
	1050064-70	*B. occidentalis*, from near Mirador Santa Rita
	1050071-74	Liquidamber forest where *B. occidentalis* found
3/30/08	1724,1726	Iglesia de la Virgen de la Asunción, Pantepec Chiapas
3/31/08	1[illegible]727-1742	SMR603, *Bolitoglossa alberchi*

Rivito, Sean
2008

Photo Log

Date	Photo #	Description
7/24/08	2076-2082	Rauri, Bianca w/ kingfisher, Turucutro Huayta
7/25/08	2084-2087	prepping specimens, cabañas de Albores
	2088-2093	Sorex, cabañas de Albores
7/26/08	2095-2109	Piedra del Angel, Sierra de Las Minas
	2110-2111	hummingbird in net, near cabañas de Albores
	2112-2113	Rauri with Magnificent Hummingbird
	2114	bird Rauri caught (Slate-throated Redstart)
	2115-2116	team herp prepping specimens
	2117-2119	male S. taeniocnemis, cabañas de Albores
	2120-2142	CRVA1532, Bolitoglossa mehiana
	2146-2148	Rauri w/ hummingbird, cabañas de Albores
7/27/08	2149-2150	team herp at Cuatro Caminos, near Cerro Pinalon
	2151-2155	forest on W side of Cerro Pinalon
	2159-2163	Rauri + Rosa with birds, cabañas de Albores
7/28/08	2164-2167	packing up with mules, cabañas de Albores
	2168-2169	cloud forest below Albores
	2170	Rauri with wooden bird, trail down from cabañas
	2171-2172	pine forest on trail down from cabañas de Albores
	2173	Nance cutting bromeliad above La Trinidad
	2174-21[redacted]80	Leptophys modestus, La Trinidad
7/29/08	2181-2185	Turquoise-browed Motmot, Turucutro Huayta
	2189-2201	CRVA1557, Bolitoglossa mehiana
	2202-2211	SMRG45, Basiliscus vittatus, Turucutro Huayta
	2212-2214	SMRG54, Mesaspis moreletii
	2116-2118	SMRG60, Coniophanes

Corito, Sean
2008

Photo Log

Date	Photo #	Description
7/29/08	2219-2225	CRVA1527, *Anoratodes albogularis*
	2226-2231	SMR672, *Aspidoscelis deppei*
	2232	collection of herps
	2233-2237	view of Motagua River from road + bridge at Gualan
7/30/08	2238-2239	Turicentro Guayacan
7/31/08	2240-2244	view of Sierra de las Minas, road to Chelemhá
	2245-2246	view towards Yalijux from La Ventana, rd. to Chelemhá
	2248-2260	hummingbirds, Chelemhá guesthouse
8/1/08	2264-2276	CRVA1573, *Craugastor* sp., Chelemhá
8/2/08	2277-2279	CRVA1583, *Craugastor* sp., Chelemhá
	2282-2284	SMR693, " "
	2285-2290	CRVA1582, " "
8/4/08	2291-2298	SMR703, *Ilsolochryso picta*, P.N. Laguna Lachua
	2299-2305	SMR705, *Dendrosophus microcephalus*, " "
	2306-2310	CRVA1595, *Leptodactylus melanonotus*, " "
	2311-2315	SMR702, *Dendrosophus ebraccatus*, " "
	2321-2331	CRVA1591, " "
	2332	SMR702 + CRVA 1591 with eggs from CRVA1591
	2333	SMR704, *Rana berlandieri*, P.N. Laguna Lachua
	2334-2345	Laguna Lachua, in sun and rainstorm
8/5/08	2346-2355	SMR709, *Leptodeira polystícta*, Laguna Lachua
8/6/08	2356-2366	SMR710, *Elastophryne elegans*
	2367-2377	SMR712, *Craugastor* sp., Laguna Lachua

Roito, Sean
2008

Photo Log

Date	Photo #	Description
8/12/08	1050092-93, 95, 97	Zocalo, Mexico City and Cathedral
	1050094, 96, 99-103	Templo Mayor, Mexico City
8/13/08	1050104-112	*Pseudoeurycea aurantia*, between Concepción Pápalo and Peña Nerde
8/14/08	2378-2386	cloud forest and area around Tlalixtac Niejo
	1050114	pine forest below Tlalixtac Niejo
8/15/08	2390-2416	*Pseudoeurycea aurantia*
	2419-2421, 2425	SMR 728, *Gramastor* sp.
	2427-2445	SMR 730, *Chiropterotriton* sp.
	2460, 62, 78	*Pseudoeurycea juanejo*, from above Tlalixtac Niejo
	2479, 82, 84	SMR 731, *Gramastor* sp.
	2486-2499	*Gramastor* sp., from above Peña Nerde
	2500-25[redacted]10	cloud forest above Peña Nerde where *P. aurantia* found
	2517	*Thorius papaloae*
	2518-2519	pine forest S/W Peña Nerde and Concepción Pápalo where *T. papaloae* found
8/16/08	1050115-24	Thorius, La Cumbre de Chixtepejo, Cerro San Felipe
	1050125-28	forest, " "
	1050129	view of Cerro San Felipe from above cabins

To talk about at MUSHNAT 1/17/08

any place they want to go - Piñalor
shotgun permit - available in Guatemala, possible to bring

timing for them - June is good for Guatemalans

who would like to go
- mammal student? - Sergio would like to bring 2 students
  Pilar's husband from La del Valle who works with mammals

export permits/specimens for birds + mammals
- CONAP proposal to explain why is interesting for each component
- Defensores needs protocol, sends letter to CONAP, they then write permit

- write letter RE: desire to find good sites for conservation
- bird + mammal people need copies of documents for CONAP
* - need to write a letter of donation for server
- Craig letter to Lucia Prado Castro RE: bird + mammal collections
taxonomia * - terrestrial invertebrates - would be good to bring someone for training

Left in Guatemala - 09/07/07

6' x 8' tarps (3) - new
1 sleeping bag
6 turtle traps, 9 turtle trap ropes
100 large plastic bags
140 swabs
25 swab vials
~195 [redacted] EtOH vials
~200 cryogenic vials
2 0.5L formalin bottles
EtOH squeeze bottle
3 box Kimwipes
[redacted]3 tissue racks
5 cans sardines
4 AA batteries
4 D cell batteries
1 box Hefty zip bags
3 machetes
2 potato rakes
2 bromeliad cutters
9 bungee cords
2 2L specimen jar
~25 latex gloves, 1 box gloves (full)
300mL RNALater
12 plastic cups
1 large preserving tray, 1 small
100 razor blades

100 specimen tags
2 500mL jars
1L conc. formalin
~12 syringes
1 silk bag
1 lantern

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Hotel La Amistad - Calle 15, Avenida 11
100 metros al oeste del Hospital Calderon Guardia,
Entrada de emergencia

Guillermo Artavia
847-95-58

my last #: SMR 495

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